

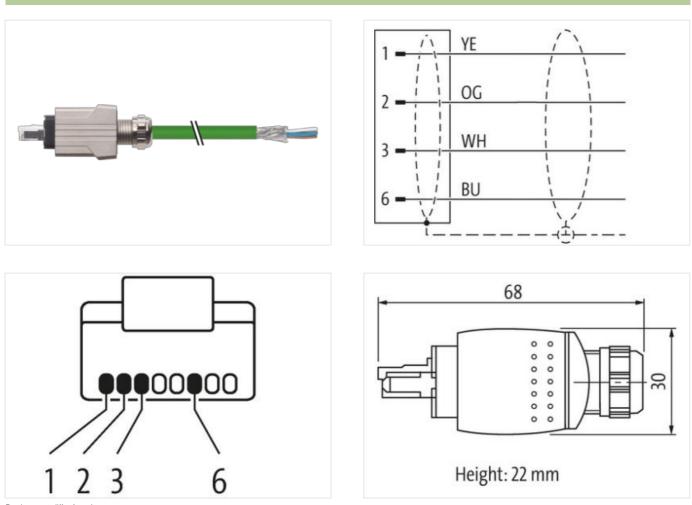
## RJ45 Push Pull male 0° with cable shielded AIDA

PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 5m

Product fulfills requirements according to UN/ECE R118 Male straight RJ45PP, 4-pole shielded Push Pull Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product

Illustration



Product may differ from Image



Cable length 5 m **Commercial data** 

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-20

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EIC.4SS 7.0 27061001   ECI.ASS 8.0 27061001   ECI.ASS 8.0 27061001   ECI.ASS 8.0 27061001   ECI.ASS 8.10.1 27060007   ECI.ASS 10.1 27060007   ECI.ASS 12.0 27000007   EVI.MS 6.0 ECO02500   orations staff mmbor 654487117080   Packaging unil 1   Electrical claim Supply Corrent operating prediction tabute   Operating values DC max. 1.78.A   Device protection [Electrical S0 V   Device protection [Electrical S0 V   Corrent operation prediction dogram inserted, screwed   Polition Degree 3   Material group (EC 00064-1) 1   Environmethal Characteristics [Climatu Corrent operative max.   Environmethal Characteristics [Climatu S0 °C   Operating temperature min. 45 °C	ECLASS-6.0	27061801
ECLASS 9.0     2961801       ECLASS 10.1     27060307       ECLASS 11.0     27060307       ECLASS 12.0     27060307       ECLASS 12.0     27060307       ECLASS 12.0     27060307       ECLASS 12.0     ECOUSS90       catoms buff number     85444210       GTIM     404827013703       Packaging unt     1       Electrical data [Supply     Construction (State)       Operating voltage DC max.     60 V       Operating voltage DC max.     60 V       Operating voltage DC max.     1.70 A       Device protection [Electrical     900 V       Operating voltage DC max.     60 V       Operating voltage DC max.     900 V       Operating voltage DC max.     900 V       Dottion Degree     3       Material group UEC 00064-11     1       Bechanical datal M	ECLASS-7.0	27061801
ECLASS:10.1 27060007   EGLASS:12.0 27060007   ECLASS:12.0 27060007   ETIM 5.0 EC002599   cautoms tarfindmobr 85444210   GTIM 4048079113793   Packaging unit 1   Electrical dial Supply Construction of the Supply   Operating voltage D Cmax. 60 V   Operating voltage D Cmax. 60 V   Operating voltage D Cmax. 1.76 A   Device protection   Electrical dial Supply Insertid. scrwad   Darge of protection   Electrical dial Supply Insertid. scrwad   Darge of protection   Electrical dial Mounting data Insertid. scrwad   Looking techniques Pub Pull   Evidormal condition temperature min. -25 °C   Operating temperature min. -26 °C	ECLASS-8.0	27061801
ECL4SS:1.1     27060307       ECLASS:12.0     27060307       ETMA 5.0     EC000379       cations tarff inmber     8544210       GTIN     40482713733       Parkaging unt     1       Electrical data [Supply     0       Operating voltage DC max.     60 V       Operating voltage DC max.     60 V       Operating voltage DC max.     176 A       Device protection [Electrical     1656, 1667       Device operating per contact max.     1,76 A       Device operating per contact max.     1,76 A       Device operating per contact max.     1,76 A       Device operating legge contact max.     1,76 A       Device operating per contact max.     1,76 A       Device operating legge contact max.     1,76 A       Device operating legge per contact max.     1,76 A       Device operating legge per contact max.     1       Recharical data (Buwning data     1       Device operating legge per contact max.     8,5 °C       Coperating legger per contact max.     8,5 °C       Coperating legger per contact max.     8,5 °C       Cadiotachtican tempe	ECLASS-9.0	27061801
ECL4SS12.0 27065007   ETM-8.0 EC002559   cuatoms tarff member 65444210   GTN 404857913739   Packaging unit 1   Electrical data   Supply    Oparating voltage DC max. 60 V   Oparating voltage DC max. 10 V   Current oparating per contact max. 1,76 A   Device protection   Electrical    Degree of protection ( KH IEC 6052) IPR5, IPR7   Additional condition protection degree inserted, screwed   Polution Degree 3   Material group (IEC 60604-1) 1   Herichald data   Mounting data    Looking temperature min. -25 °C   Oparating temperature min. -25 °C	ECLASS-10.1	27060307
ETM-5.0     EG002599       cacions failf number     8544210       GTM     408877913733       Packagny unit     1       Etectical data   Supply     Comparing voltage DC max.       Operating voltage DC max.     60 V       Operating voltage DC max.     1/76 A       Device protection [Electrical     Comparing voltage DC max.       Device protection floating totage and voltage device dev	ECLASS-11.1	27060307
Customs tariff number     85444210       GTN     4048873113730       Packaging unit     1       Electrical data   Supply     0 V       Oparaling vollage DC max.     60 V       Oparaling vollage DC max.     1.76 A       Device protection   Electrical     Device protection   Electrical       Degree of protection (CNL EC 60520)     P65, IP67       Additional condition protection degree     inserted, screwed       Pallakion Degree     3       Material group (EC 80664-1)     1       Mechanical data   Mounting data     Looking techniques       Looking techniques     Push Pulit       Environmental characteristics   Otheruic     Operating temperature max.       Additional condition temperature area     depending on cable quality       Important installation onces     Note on berning radius       Additional condition temperature area     depending on cable quality       Important installation onces     Note on berning radius       Installation onces     Attention: Coserve the permissible bending radii when laying cables, as the IP protection class can be andragreed by sccessive bending forait when laying cables, as the IP protection class can be andragreed by scccessive bending forait when laying cables, as the IP protection	ECLASS-12.0	27060307
GTIN 4048879113793   Packaging unit 1   Electrical dial Supply Oparaling voltage DC max. 60 V   Oparaling voltage DC max. 10 V   Corrent operating per constat max. 1.76 A   Device protection [Electrical IPB5. IPE7   Additional condition protection degree inserted, screwed   Pollution Degree 3   Matural group (IEC 60664-1) 1   Mechanical data I Mounting data IEC   Locking techniques Push Pull   Environmental characteristics [ Climatic   Oparating temporature max. 85 °C   Oparating temporature max. 85 °C   Oparating temporature max. 85 °C   Additional condition temperature may. depending on cable quality   Important installation notes Note on stain relif   Note on stain relif Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tess.   Installation [ Gable Cable definition: Despreature max.   Date of tain relif Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable tess.   Installation [ Gable Cable shielding forces.   Installation [ Gable Cable shield in tradition   Type of corditicatian 796   Jaket Color green	ETIM-5.0	EC002599
Packaging unit   1     Electrical data [ Suppy	customs tariff number	85444210
Electrical data   Supply       Operating voltage DC max.     60 V       Operating voltage DC max.     1,76 A       Device protection (Electrical     176 A       Degree of protection (Electrical     1       Material group (EC 06664-1)     1       Mechanical data   Mounting data     20 °C       Colving temperature min.     -25 °C       Operating temperature min.     -25 °C       Operatin installation notes     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Note on schain rollof     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Note on bending radius     Attention: Observe the permisable bending radii when laying cables, as the P protection class can be endapered by accessive bending trotes.       Description (Cable     Cable identification       Type of Certificata     UPIs <t< td=""><td>GTIN</td><td>4048879113793</td></t<>	GTIN	4048879113793
Operating voltage DC max.     60 V       Operating voltage DC max.     1/6 A       Device protection [Electrical     IPES. IPE7       Additional condition protection degree     inserted. screwed       Pollution Degree     3       Material group (IEC 60654)     I       Indencial data [Mounting data     Inserted. screwed       Coloring techniques     Push Pull       Environmental characteristics [ Climatic     Inserted. Screwed       Coloring techniques     Push Pull       Environmental characteristics [ Climatic     Inserted. Screwed       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition interportature degending on cable quality     Important installation notes       Nole on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Nole on strain relief     796       Jacket Color     green       Type of Certificate     cuProtect file revisited       Cable scientification     976       Jacket Color     green       Type of Certificate     cuProtecton ellier twisted       Cable scient	Packaging unit	1
Operating voltage DC max. (UL-listed)     30 V       Current operating per contact max.     1,76 A       Device protection I Electrical     Device protection (EN IEC 6629)       Device protection (ISN IEC 6629)     IP65, IP67       Additional condition protection degree     3       Material group (IEC 60684-1)     1       Mechanical data   Mounting data     Looking techniques       Portating techniques     Pub Pull       Environmental characteristics   Climatic     Operating temperature max.       Operating temperature max.     85 °C       Addition temperature max.     85 °C       Addition temperature max.     85 °C       Addition teref     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.       Note on stain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.       Installation   Cable     Cable identification       Type of Certificate     c.JPusa       Amount standing     1       Stranding     4 wires around Core filler twisted       Cable wielding (type)     copper braid, timed       Cable wielding (type)     copper braid, timed	Electrical data   Supply	
Current operating per contact max.     1,76 A       Device protection [Electrical	Operating voltage DC max.	60 V
Device protection [Electrical       Degree of protection (Elic 66529)     IP65, IP67       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Material group (IEC 60684-1)     I       Mechanical data (Mounting data	Operating voltage DC max. (UL-listed)	30 V
Degree of protection (EN IEC 60529)     IP65, IP67       Additional condition protection degree     inserted, screwed       Polluation Degree     3       Material group (IEC 60684-1)     1       Mechanical data   Mounting data        Looking techniques     Push Pull       Environmental characteristics   Climatic        Operating temperature min.     -25 ° C       Operating temperature max.     85 ° C       Additional condition temperature max.     85 ° C       Additional condition temperature max.     85 ° C       Additional condition temperature max.     85 ° C       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable files.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation (Cable     CuPus       Cable identification     796       Jacket Color     green       Type of Certificate     cuPus       Amount stranding     1       Stranding     4 wires around Core filler twisted       Cable shielding (oveerage)     85 % <td>Current operating per contact max.</td> <td>1,76 A</td>	Current operating per contact max.	1,76 A
Additional condition protection degree   isserted, screwed     Pollution Degree   3     Material group (EC 60684-1)   1     Mechanical dia [Mounting data   Environmental characteristics   Climatic     Coperating temperature min.   -25 °C     Operating temperature min.   -25 °C     Operating temperature min.   -25 °C     Additional condition temperature range   depending on cable quality     Important installation notes   Note on strain relief     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.     Note on bending radius   Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.     Installation   Cable   Cable charification     Type of Carificate   cURus     Amount stranding   1     Stranding   4 wires around Core filter twisted     Cable scheding (coverage)   85 %     Banding   Fileece, Foil     Filer   yes     wire arrangement   white, yellow, blue, orange	Device protection   Electrical	
Pollution Degree   3     Material group (IEC 6068+1)   I     Mechanical data   Mounting data      Looking techniques   Push Pull     Environmental characteristics   Climatic      Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important Installation notes      Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.     Installation   Cable   Cable identification   796     Gable identification   796   Gable identification     Admount stra	Degree of protection (EN IEC 60529)	IP65, IP67
Pollution Degree   3     Material group (IEC 6068+1)   I     Mechanical data   Mounting data      Looking techniques   Push Pull     Environmental characteristics   Climatic      Operating temperature min.   -25 °C     Operating temperature max.   85 °C     Additional condition temperature range   depending on cable quality     Important Installation notes      Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.     Note on strain relief   Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.     Installation   Cable   Cable identification   796     Gable identification   796   Gable identification     Admount stra		·
Mechanical data   Mounting data       Looking techniques     Push Pull       Environmental characteristics   Climatic     Operating temperature min.     -25 °C       Operating temperature max.     85 °C     Additional condition temperature mage     depending on cable quality       Important installation notes     Mote on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Installation   Cable     Cable on bending radius     Aftention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation   Cable     Cable clentification     796       Jacket Color     green     Type of Cafficate       Opper braid, tinned     Cable shielding (type)     copper braid, tinned       Cable shielding (type)     copper braid, tinned     Cable shielding (type)       Cable shielding (type)     gese     S%       Banding     Fleece, Foil     Fleece, Foil       Filter     yes     Yes       Wrier arangement     white, yellow, blue, orange     Cable weigh	Pollution Degree	3
Looking techniques     Push Pull       Environmental characteristics   Climatic     C       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important Installation notes     Note on strin relief       Note on strin relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ites.       Nate on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation (Cable     Cable Identification       Type of Certificate     cURus       Amount stranding     1       Stranding     4 wires around Core filler twisted       Cable shielding (toverage)     85 %       Banding     Filecoe, Foil       Filler     yes       wire arrangement     while, yellow, blue, orange       Cable weight     69.3 g/m       Material jacket     PUR       Shore hardness jacket     89 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Outer-di	Material group (IEC 60664-1)	1
Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature mage     depending on cable quality       Important installation notes     Note on strain relief       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Attention: Cable     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation   Cable     Cable identification       Cable identification     796       Jacket Color     green       Type of Certificate     CURus       Amount stranding     1       Stranding     4 wires around Core filler twisted       Gable ishielding (type)     copper braid, tinned       Gable ishielding (coverage)     85 %       Banding     Fleece, Foil       Filier     yes       vire arrangement     white, yellow, blue, orange       Gable weigth     69.3 g/m       Material jacket     PUR       Shore hardness jacket     89 Shore A       Fre	Mechanical data   Mounting data	
Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Installation I Cable     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation I Cable     Cable identification       Cable identification     796       Jacket Color     green       Type of Cartificate     cURus       Amount stranding     1       Stranding     4 wires around Core filler twisted       Cable shielding (type)     copper braid, tinned       Cable shielding (coverage)     85 %       Banding     Fleece, Foil       Filler     yes       wire arrangement     while, yellow, blue, orange       Cable weigth     69.3 g/m       Material jacket     PUR       Shore hardness jacket     89 Shore A       Freedom fro	Looking techniques	Push Pull
Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation   Cable     Cable identification     796       Jacket Color     green     Type of Certificate     CJRus       Amount stranding     1     Stranding     1       Stranding     4 wires around Core filler twisted     Cable shielding (coverage)     85 %       Banding     Fileece, Foil     Filler     yes     Write arrangement     White, yellow, blue, orange       Cable weigth     69.3 g/m     Material jacket     PUR     Shore A       Freedom from ingredients (jacket)     6.7 mm     Fileor-free, halogen-free, silicone-free     Outer diameter (jacket)     6.7 mm       Tolerance outer diameter (jacket)     5 %     Material inner jacket     FINO     Color (nner jacket)     5 %	Environmental characteristics   Climatic	
Additional condition temperature range     depending on cable quality       Important installation notes     Mote on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation   Cable     Cable identification     796       Jacket Color     green     Type of Certificate     cURus       Amount stranding     1     Stranding     4 wires around Core filler twisted       Cable shielding (type)     cooper braid, tinned     Gable shielding (type)     cooper braid, tinned       Gable shielding (type)     cooper braid, tinned     Gable shielding (type)     gen       Write arrangement     white, yellow, blue, orange     Gable shielding (type)     gen       Gable shielding (type)       Gable shielding (type)     cooper braid, tinned     Gable shielding (type)     Gable shielding (type)     Gable shielding (type)       Gable shielding (type)     soper braid, tinned     Gable shielding (type)     Gable shielding (ty	Operating temperature min.	-25 °C
Important installation notes       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation   Cable     Cable identification     796       Jacket Color     green     Type of Cartificate     cURus       Amount stranding     1     Stranding     4 wires around Core filler twisted       Cable ishielding (type)     copper braid, tinned     Cable shielding (coverage)     85 %       Banding     Fleece, Foil     Fleece, Foil     Filler       wire arrangement     white, yellow, blue, orange     Cable weigth     69,3 g/m       Material jacket     PUR     Shore hardness jacket     89 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free     Outer diameter (jacket)     6,7 mm       Tolerance outer diameter (sheatth)     ± 5 %     Material mire i gaket     FRNC     Color (inner jacket)     FRNC       Color (inner jacket)     natur     FRNC     FRNC     Color (inner jacket)     FRNC </td <td>Operating temperature max.</td> <td>85 °C</td>	Operating temperature max.	85 °C
Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation   Cable       Cable identification     796       Jacket Color     green       Type of Cartificate     cURus       Amount stranding     1       Stranding     4 wires around Core filler twisted       Cable shielding (type)     copper braid, tinned       Cable shielding (coverage)     85 %       Banding     Fleece, Foil       Filler     yes       wire arrangement     white, yellow, blue, orange       Cable weigth     69.3 g/m       Material jacket     PUR       Shore hardness jacket     89 Shore A       Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free       Outer diameter (jacket)     5 %       Material jacket     FINC       Color (inner jacket     FRNC       Color (inner jacket     FRNC       Color (inner jacket)     FRNC	Additional condition temperature range	depending on cable quality
Note on bending radius     Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.       Installation   Cable     Cable identification     796       Jacket Color     green     Type of Certificate     cURus       Amount stranding     1     Stranding     4 wires around Core filler twisted       Cable shielding (type)     copper braid, tinned     Cable shielding (coverage)     85 %       Banding     Filecce, Foil     Filer     yes       Write arrangement     white, yellow, blue, orange     Cable weigth     69,3 g/m       Material jacket     PUR     Shore A     Freedom from ingredients (jacket)     lead-free, cadmium-free, CFC-free, halogen-free, silicone-free       Outer-diameter (jacket)     6,7 mm     Tolerance outer diameter (sheath)     ± 5 %       Material inner jacket     FRNC     Color (inner jacket)     EXT	Important installation notes	
Note on bending radius   endangered by excessive bending forces.     Installation   Cable     Cable identification   796     Jacket Color   green     Type of Certificate   cURus     Amount stranding   1     Stranding   4 wires around Core filler twisted     Cable shielding (type)   copper braid, tinned     Cable shielding (coverage)   85 %     Banding   Fleece, Foil     Filler   yes     wire arrangement   white, yellow, blue, orange     Cable weigth   69.3 g/m     Material jacket   PUR     Shore hardness jacket   89 Shore A     Freedom from ingredients (jacket)   lead-free, cadmium-free, CFC-free, halogen-free, silicone-free     Outer-diameter (jacket)   6,7 mm     Tolerance outer diameter (sheath)   ± 5 %     Material inner jacket   FRNC     Color (inner jacket)   natur     Material wire insulation   PE	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Cable identification796Jacket ColorgreenType of CertificatecURusAmount stranding1Stranding4 wires around Core filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeCable weigth69.3 g/mMaterial jacket89 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6,7 mmTolerance outer diameter (sheath)± 5 %Material inner jacketFRNCColor (inner jacket)naturMaterial wire insulationPE	Note on bending radius	
Jacket ColorgreenType of CertificatecURusAmount stranding1Stranding4 wires around Core filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeCable weigth69.3 g/mMaterial jacket89 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6,7 mmTolerance outer diameter (sheath)± 5 %Material inner jacketFRNCColor (inner jacket)naturMaterial wire insulationPE	Installation   Cable	
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Stranding4 wires around Core filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeCable weigth69,3 g/mMaterial jacketPURShore hardness jacket89 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6,7 mmTolerance outer diameter (sheath)± 5 %Material inner jacketFRNCColor (inner jacket)naturMaterial wire insulationPE	Type of Certificate	cURus
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Cable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeCable weigth69,3 g/mMaterial jacketPURShore hardness jacket89 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6,7 mmTolerance outer diameter (sheath)± 5 %Material inner jacketFRNCColor (inner jacket)naturMaterial wire insulationPE	Stranding	4 wires around Core filler twisted
BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeCable weigth69,3 g/mMaterial jacketPURShore hardness jacket89 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6,7 mmTolerance outer diameter (sheath)± 5 %Material inner jacketFRNCColor (inner jacket)naturMaterial wire insulationPE	Cable shielding (type)	copper braid, tinned
Filleryeswire arrangementwhite, yellow, blue, orangeCable weigth69,3 g/mMaterial jacketPURShore hardness jacket89 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6,7 mmTolerance outer diameter (sheath)± 5 %Material inner jacketFRNCColor (inner jacket)naturMaterial wire insulationPE	Cable shielding (coverage)	85 %
wire arrangementwhite, yellow, blue, orangeCable weigth69,3 g/mMaterial jacketPURShore hardness jacket89 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6,7 mmTolerance outer diameter (sheath)± 5 %Material inner jacketFRNCColor (inner jacket)naturMaterial wire insulationPE	Banding	Fleece, Foil
Cable weigth69,3 g/mMaterial jacketPURShore hardness jacket89 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6,7 mmTolerance outer diameter (sheath)± 5 %Material inner jacketFRNCColor (inner jacket)naturMaterial wire insulationPE	Filler	yes
Material jacketPURShore hardness jacket89 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6,7 mmTolerance outer diameter (sheath)± 5 %Material inner jacketFRNCColor (inner jacket)naturMaterial wire insulationPE	wire arrangement	
Shore hardness jacket 89 Shore A   Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free   Outer-diameter (jacket) 6,7 mm   Tolerance outer diameter (sheath) ± 5 %   Material inner jacket FRNC   Color (inner jacket) natur   Material wire insulation PE	Cable weigth	
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)6,7 mmTolerance outer diameter (sheath)± 5 %Material inner jacketFRNCColor (inner jacket)naturMaterial wire insulationPE	Material jacket	PUR
Outer-diameter (jacket) 6,7 mm   Tolerance outer diameter (sheath) ± 5 %   Material inner jacket FRNC   Color (inner jacket) natur   Material wire insulation PE	Shore hardness jacket	89 Shore A
Tolerance outer diameter (sheath)   ± 5 %     Material inner jacket   FRNC     Color (inner jacket)   natur     Material wire insulation   PE	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material inner jacketFRNCColor (inner jacket)naturMaterial wire insulationPE	Outer-diameter (jacket)	6,7 mm
Color (inner jacket) natur   Material wire insulation PE	Tolerance outer diameter (sheath)	±5%
Material wire insulation PE	Material inner jacket	FRNC
	Color (inner jacket)	natur
Amount wires 4	Material wire insulation	PE
	Amount wires	4

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-20

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Outer diameter insulation	1,4 mm
Outer diameter tolerance core insulation	±5%
Shore hardness wire insulation	65 Shore D
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Amount strands (wire)	7
Diameter of single wires	22 AWG
Conductor crosssection (wire)	22 AWG
Material conductor wire	Stranded copper wire, bare
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	3 Mio. @ 25 °C
Travel speed (C-track)	3,3 m/s @ 25 °C
Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Characteristic impedance	100 Ω ± 15 % @ 100 MHz
Electrical resistance line constant wire	55 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Electrical capacity line constant (wire - wire)	50000 pF/km
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
Loop resistance	5000 MΩ × km
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter
No. of torsion cycles	1 Mio. 25 °C
Torsion stress	± 180 °/m

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