

M12 fem. recept. X-cod. / RJ45 male 0° shielded

PUR 4x2xAWG26 shielded gn UL/CSA 15m

Art.No.: 7000-51551-7901500

Weight: 0.822 kg Country of origin: DE

Model designation: MSXBFH-RA-08D790 15.0-ZS

Advantages of our connectors:

Our connectors are versatile and specially optimised for industrial environments. All connectors are 100% tested during the manufacturing process to ensure the highest quality and reliability.

The contacts are gold-plated, which ensures optimum conductivity. Thanks to the high degree of protection, the connectors are ideal for demanding industrial environments. They are also vibration-resistant - this is ensured by the union nut with vibration protection.

Our connectors are resistant to oils and cooling lubricants, but resistance to aggressive media should be tested for each specific application. Different cable lengths available on request

If you are missing technical information? Please feel free to use our dictionary to find more technical details.

Product details:

Product fulfills requirements according to UN/ECE R118

Ethernet CAT6A

Flange female straight - male straight

RJ45 - M12, 8-pole

X-coded

Shielded

Rear mounting

Transmission properties with channel transmission up to 50 m

Further cable lengths on request.

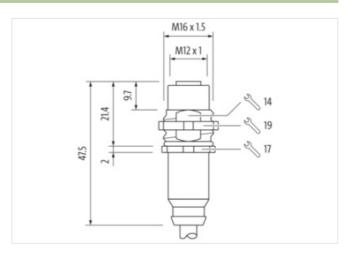
Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product

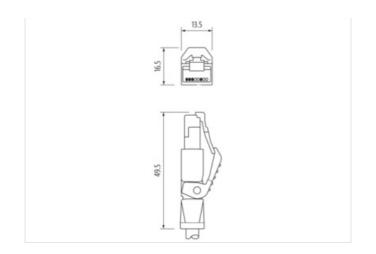
Illustration

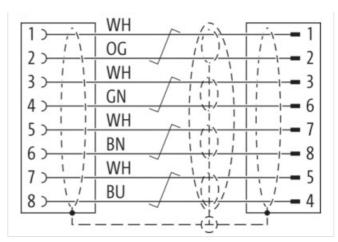


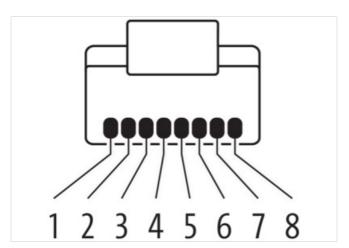


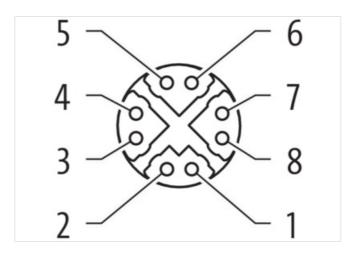


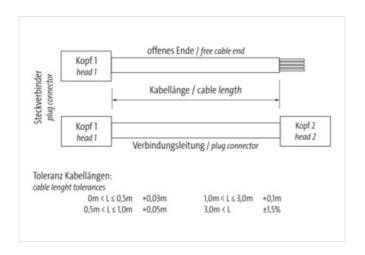
stay connected

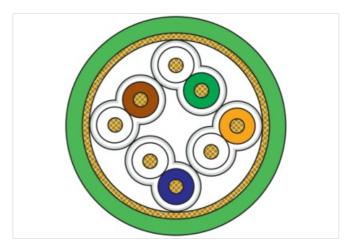






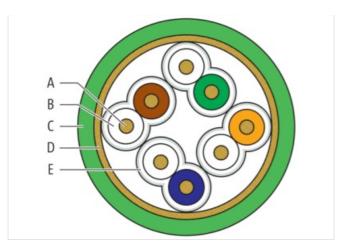








stay connected



Product may differ from Image









Header	
Material short text	MSXBFH-RA-08D790_15.0-ZS
Cable length	15,00 m
Side 1	
Family construction form	M12
No. of poles	8
Coding	X
Gender	female
Mounting method	inserted, screwed
Cable outlet	straight
Material	PUR
Degree of protection (EN IEC 60529)	IP67
Side 2	
Family construction form	RJ45
No. of poles	8
Gender	male
Mounting method	inserted
Cable outlet	straight
Material	Brass
Degree of protection (EN IEC 60529)	IP20
Commercial data	
URL Webshop	https://shop.murrelektronik.com/7000-51551-7901500
GTIN	4048879913867
ECLASS-6.0	27279220
ECLASS-6.1	27279220
ECLASS-7.0	27440103
ECLASS-7.1	27440103
ECLASS-8.0	27440103
ECLASS-8.1	27440103
ECLASS-9.0	27440103
ECLASS-9.1	27440109
ECLASS-10.0.1	27440109
ECLASS-10.1	27440103

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stay connected

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ETIM-7.0 EC002599 ETIM-8.0 EC002599	
customs tariff number 85444290	
EAN 4048879913867	
Packaging unit 1	
Electrical data Supply	
Operating voltage DC max. 60 V	
Current operating per contact max. 0,5 A	
Industrial Communication	
Data transmission rate max. 10 Gbit/s Transfer parameters (CATS Class FA (ISO/IFC 11801:2002) (FN F0172 1)	
Transfer parameters CAT6, Class EA (ISO/IEC 11801:2002), (EN 50173-1)	
Diagnostics	
Status indication LED No	
Device protection Electrical	
Protection NEMA 6P, 4, 3	
Pollution Degree 3	
Rated surge voltage 0,8 kV	
Material group (IEC 60664-1)	
Mechanical data	
Contour for corrugated hose without	
Mechanical data Material data	
Locking material Brass	
Coating locking nickel plated	
Mechanical data Mounting data	
Mounting method inserted, screwed, Shaking protection	
Environmental characteristics Climatic	
Operating temperature min30 °C Operating temperature max. 85 °C	
Additional condition temperature range depending on cable quality	
Important installation notes	
Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class endangered by excessive bending forces.	can be
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Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable to the connectors by suitable measures from mechanical loads, e.g. by the usage of cable to the connectors by suitable measures from mechanical loads, e.g. by the usage of cable to the connectors by suitable measures from mechanical loads, e.g. by the usage of cable to the connectors by suitable measures from mechanical loads, e.g. by the usage of cable to the connectors by suitable measures from mechanical loads, e.g. by the usage of cable to the connectors by suitable measures from mechanical loads, e.g. by the usage of cable to the connectors by suitable measures from mechanical loads, e.g. by the usage of cable to the connectors by suitable measures from mechanical loads, e.g. by the usage of cable to the connectors by suitable measures from mechanical loads, e.g. by the usage of cable to the connectors by suitable measures from mechanical loads, e.g. by the usage of cable to the connectors by suitable measures from mechanical loads, e.g. by the usage of cable to the connectors by suitable measures from mechanical loads are called the connectors by suitable measures from mechanical loads are called the connectors by suitable measures from mechanical loads are called the connectors by suitable measures from mechanical loads are called the connectors by suitable measures from mechanical loads are called the connectors by suitable measures from mechanical loads are called the connectors by suitable measures from mechanical loads are called the connectors by suitable measures from mechanical loads are called the connectors by suitable measures from mechanical loads are called the connectors by suitable measures from mechanical loads are called the connectors by suitable measures from mechanical loads are called the connectors by suitable measures from mechanical loads are called the connectors by suitable measures from mechanical loads are called the connectors by suitable measures from the conne	
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Stranding (type 2)	4 stranding combinations stranded
Cable shielding (type)	copper braid, tinned
Cable shielding (coverage)	65 %
Pair shielding (type)	Metal foil
Banding	Foil
Cable weigth	48 g/m
Material wire insulation	PE
Amount wires	8
Outer diameter insulation	1,05 mm
Outer diameter tolerance core insulation	- 0,02 mm
Shore hardness wire insulation	65 ± 5 Shore D
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Amount strands (wire)	7
Diameter of single wires	34 AWG
Conductor crosssection (wire)	26 AWG
Material conductor wire	Stranded copper wire, bare
Outer-diameter (jacket)	6,4 mm
Tolerance outer diameter (sheath)	± 5 %
Material jacket	PUR
Shore hardness jacket	89 ± 5 Shore A
Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Conductor resistance (wire)	140 Ω/km @ 20 °C
Electrical capacity line constant (wire - wire)	44.000 pF/km
Isolation resistance	5.000 MΩ × km
Nominal voltage AC max.	125 V
Withstand voltage (wire - wire)	2 kV @ 60 s
Withstand voltage (wire - jacket)	2 kV @ 60 s
Withstand voltage (wire - shield)	2 kV @ 60 s
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	2 A
Min. operating temperature (static)	-40 °C
Max. operating temperature (static)	0° 08 °C
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1090, UL 1581 § 1100, IEC 60332-1-2
Oil resistance	IEC 60811-404, IRM 902
Ozone resistance	EN 50396
Other resistances	resistant to microbes, MUD-resistant (NEK 606)
Bending radius (fixed)	8 × Outer diameter
Bending radius (dynamic)	10 × Outer diameter