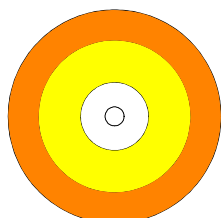


AXAI-I/P-20 – Simplex cable

Ø2.0 mm interconnect cable UV stabilised LSOH sheath

EN 50173-1:2002

IEC 60794-2-10



Application

Patch cord cable
Internal wiring

Standards

EN 187 000
IEC 60794-2
IEC 60794-2-10
ISO 11801 2nd edition
EN 50 173-1

Construction

Fibre	One tightly buffered fibre 900 µm ± 50 µm (option 600 µm)						
Strength member	Ultra high modulus Aramid yarns						
Sheath	0.4 mm LSZH fire retardant, UV stabilised sheathing material EN 50290-2-27						
Sheath colours	<table border="0"> <tr> <td>Cable with SM fibres</td> <td>Blue</td> </tr> <tr> <td>Cable with M5 fibres</td> <td>Orange</td> </tr> <tr> <td>Cable with M6 fibres</td> <td>Grey</td> </tr> </table>	Cable with SM fibres	Blue	Cable with M5 fibres	Orange	Cable with M6 fibres	Grey
Cable with SM fibres	Blue						
Cable with M5 fibres	Orange						
Cable with M6 fibres	Grey						

Fire rating

IEC 60332-1-2	Single vertical wire test
IEC 60332-3-24 = IEC 332-3C	Vertically-mounted bunched wires and cables
IEC 60754-1	No halogens
IEC 60754-2	No acid matters
IEC 61034-2	No dense smoke

Heat of combustion

70 MJ/km	0.02 kWh/m
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AXAI-I/P-20 – Simplex cable

Physical properties

IEC 60974-1-2

Nominal diameter	-	2.0 mm +0.0 mm – 0.2 mm
Nominal weight	-	4.5 kg/km
Tensile strength (dynamic)	E1	120 N
Tensile strength (permanent)	E1	60 N
Compressive strength (crush)	E3	600 N (max. variation 0.05 dB) 1000 N (max. variation 0.5 dB)
Impact	E4	2 Nm
Torsion	E7	5 cycles \pm 1 turn
Min. Bending radius	E11	R = 25 mm
Temperature range	F1	Operation and installation: -20°C to 70°C. Storage: -20°C to 70°C

Note: All test are carried out with 62.5 μ m fibre

Transmission characteristics

IEC 60793-2

Refer to the fibre data sheets

Ordering information

9/125 fibre (SMF652D), Blue*		50/125 fibre (MMF50HiCap), Orange		62.5/125 fibre (MMF62HiCap), Grey*	
Part no.	Cable code	Part no.	Cable code	Part no.	Cable code
630050	G1-9/125 AXAI-I/P-20	630052	G1-50/125 AXAI-I/P-20	630054	G1-62.5/125 AXAI-I/P-20

*)-Standard colours of outer sheath