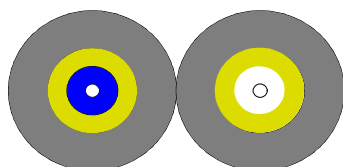


AXAI-I/P-20 – Duplex cable

2 x 2.0 mm, UV stabilised LSZH 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	Two tightly buffered fibre 900 µm ± 50 µm (option 600 µm)	
Fibre colours	Fibre 1	Natural
	Fibre 2	Blue
Strength member	Ultra high modulus Aramid yarns	
Sheath	0.4 mm LSZH fire retardant, UV stabilised sheathing material EN 50290-2-27	
Sheath colours	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

180 MJ/km	0.05 kWh/m
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AXAI-I/P-20 – Duplex cable

Physical properties

IEC 60974-1-2

Nominal diameter	-	2.0 x 4.2 mm
Nominal weight	-	9.0 kg/km
Tensile strength (dynamic)	E1	240 N
Tensile strength (permanent)	E1	120 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

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
630051	G2-9/125 AXAI-I/P-20	630053	G2-50/125 AXAI-I/P-20	630055	G2-62.5/125 AXAI-I/P-20

*)-Standard colours of outer sheath