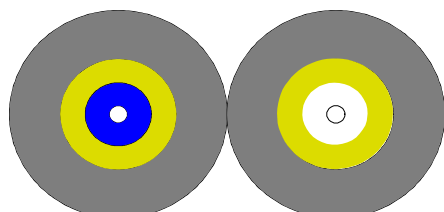


AXAI-I/P-28 - Duplex cable

Zip-cord 2 x 2.8 mm, UV stabilised LSOH sheath

EN 50173-1:2002

IEC 60794-2-10



Application

LAN horizontal cabling
 Patch cord cable, very well suited for mounting of SC connectors
 Short distance data-, control- and video transmission
 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 fibres 900 µm ± 50 µm.	
Fibre colours	Fibre 1 Natural	
	Fibre 2 Blue	
Strength member	Ultra high modulus Aramid yarns	
Sheath	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

315 MJ/km	0.1 KWh/m
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AXAI-I/P-28 - Duplex cable

Physical properties

IEC 60974-1-2

Nominal dimensions	-	2.8 mm x 5.7 mm
Nominal weight	-	16 kg/km
Tensile strength (dynamic)	E1	600 N
Tensile strength (permanent)	E1	300 N
Compressive strength (crush)	E3	5000N
Impact	E4	5 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 (SMF652B), Blue*		50/125 fibre (MMF50HiCap), Orange		62.5/125 fibre (MMF62HiCap), Grey*	
Part no.	Cable code	Part no.	Cable code	Part no.	Cable code
699251	G2-9/125 AXAI-I/P-29	699253	G2-50/125 AXAI-I/P-29	699255	G2-62.5/125 AXAI-I/P-29

*)-Standard colours of outer sheath