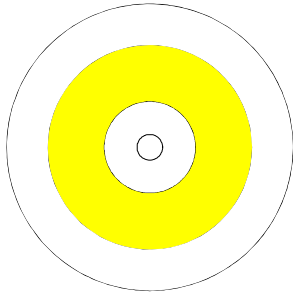


D04-BBXS: Single fibre interconnect cable

ø2.8 mm, UV stabilised LSZH sheath, BendBright^{XS} fibre

EN 50 173-1

IEC 60794-2-10



Application

Patch cord cable, very well suited for mounting of SC connectors
Internal wiring. White outer sheath with no printing for aesthetic installations on walls.

Standards

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

Construction

Fibre	One tightly buffered BendBright ^{XS} fibre 900 µm ± 50 µm.
Strength member	Ultra high modulus Aramid yarns
Sheath	LSZH fire retardant, UV stabilised sheathing material EN 50290-2-27
Sheath colour	White, No printing

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

160 MJ/km	0.05 kWh/m
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D04-BBXS: Single fibre interconnect cable

Physical properties

IEC 60974-1-2

Nominal diameter	-	2.8 mm
Nominal weight	-	9 kg/km
Tensile strength (permanent)	E1	150 N
Tensile strength (dynamic)	E1	300 N
Compressive strength (crush)	E3	2500 N
Impact	E4	5 Nm
Torsion	E7	5 cycles \pm 1 turn
Min. Bending radius, short term unloaded	E11	R = 7.5 mm
Min. Bending radius, installed	E11	R = 15 mm, 6 turns around a mandrel \varnothing 30 mm (maximum attenuation increase \leq 0.02 dB at 1550 nm). Maximum attenuation increase for R = 10 mm 0.1 dB/turn at 1550 nm. Maximum attenuation increase for R = 7.5 mm 0.5 dB/turn at 1550 nm.
Temperature range	F1	Operation and installation: -20°C to 70°C. Storage: -20°C to 70°C

Transmission characteristics

IEC 60793-2

General properties	Data sheet C24
Attenuation 1310 nm – 1625 nm	\leq 0.39 dB/km
Attenuation 1550 nm	\leq 0.25 dB/km

Product codes – ordering information

Item No.	Fibre count	Product code	Fibre type	Fibre data sheet
1012335	1	G1-9/125 AXAI-I/P-28 Hvit -BendBrightXS	BendBright ^{XS} G.657.A2	C24