DATA SHEET

Fiber Optic Cables
Minicord Breakout 2 x 1.7mm TPU Ø 6.0mm
02-.../FJ(ZN)Z-...17

Properties

- Metal free indoor and outdoor cable
- Strain relieved with aramide yarn
- Ripcord for easy jacked removal
- High chemical resistance against acids/alkalies
- For high mechanical and thermal stability
- Halogen free and non-corrosive fire gases
- Improved crush resistance



Jacket colour

Construction		
Fiber	Quantity: up to	2
	Type	coloured
Tube	Quantity	2 pcs
	Diameter	0.9 mm
Strain relief	Type	aramide yarn
Inner jacket	Quantity	2 pcs
	Type	Single fiber
	Diameter	1.7mm
Strain relief	Type	aramide yarn
Rip Cord	Quantity	1 pcs
Outer jacket	Material	TPU
	Diameter	6mm

Environmental data		
Temperature	Standard	IEC 60794-1-2 F1
	During installation	-20 °C ... 60 °C
	In service	-40 °C ... 70 °C
	In storage	-40 °C ... 70 °C

Mechanical data		
Weight		approx. 28 g/m
Tensile strength	Standard	IEC 60794-1-2 E1
	During installation	2000 N

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Mechanical data		
	In service	1000 N
Min. bending radius	Standard	IEC 60794-1-2 E11
	During installation	25 mm
	In service	25 mm
Repeated bending	Standard	IEC 60794-1-2 E6
	Radius	30 mm
	Weight	10 kg
	Cycles	20000
Crush resistance	Standard During installation In service	IEC 60794-1-2 E3 6000 N/dm 2000 N/dm
Impact resistance	Standard Energy Cycles	IEC 60794-1-2 E4 1.5 J 200
Torsion	Standard Cycles Length Angle	IEC 60794-1-2 E7 3 1000 mm 1440 °
Flexing	Standard Radius Weight Velocity Cycles	H+S drag chain test 77 mm 2.2 m/s 100000

Colours	
Fiber	E9, G50 and G62: transparent
Tube	E9: YE, G50: OG, G62: BU, OM3: TQ, OM4: HV
Inner jacket	Numbered, E9: YE, G50 and G62: OG, OM3: TQ, OM4:HV
Standard outer jacket colours	Black

Type of fiber	
Fiber type	**Fiber standard**
E9/125A1	according to IEC 60793-2-50 B-657.A1 + ITU-T G.657.A1
G62,5/125-OM1	according to IEC 60793-2-10 A1-OM1
G50/125-OM2	according to IEC 60793-2-10 A1-OM2b + ITU-T G.651.1
G50/125-OM3	according to IEC 60793-2-10 A1-OM3b
G50/125-OM4	according to IEC 60793-2-10 A1-OM4b
E9/125A2	according to IEC 60793-2-50 B-657.A2 + ITU-T G.657.A2
E9/125A3	according to IEC 60793-2-50 B-657.B3 + ITU-T G.657.B3

Fiber colour code

	1	2	3	4	5	6	7	8	9	10	11	12
H+S Standard	Red	Green	Yellow	Blue	White	Violet	Orange	Black	Grey	Brown	Heather violet	Turquoise
DIN	Red	Green	Blue	Yellow	White	Grey	Brown	Violet	Turquoise	Black	Orange	Heather violet
TIA	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Violet	Heather violet	Turquoise
IEC	Blue	Yellow	Red	White	Green	Violet	Orange	Grey	Turquoise	Black	Brown	Heather violet

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