

DIN Patchcord

Description:

The one piece DIN connectors feature a single unit body with spring-loaded free-floating zirconia ceramic ferrule. This unique connector offers superior performance in a compact, DIN 47256 compatible design suitable for a variety of applications. The DIN connectors are manufactured with a precision screw machined brass for consistent performance and durability.



The DIN connectors are available in either single or multimode and are fully intermateable with DIN 47256 type products. Both the singlemode and the multimode connectors use a zirconia ceramic ferrule featuring a pre-polished "PC" profile with an enhanced convex spherical end. This allows fast polishing of the fiber and enables the installer to achieve low optical loss with high performance physical contact and ensuring maximum repeatability.

Features:



- Anti-rotation key
- Adjustable in 60° steps
- Spring loaded zirconia ceramic ferrule
- Special ferrule preform for short polishing time
- Axially suspended

Specifications:

Insertion loss (IL) (IEC 61300-3-4)	MM	SM Ultra PC	SM Angle PC
	0.15 dB typ	0.15/0.25 dB typ/max	0.15/0.50 dB typ/max
Return loss (RL) (IEC 61300-3-6)	>30 dB	>50 dB	>60 ¹ dB
Strain relief	crimped, 100 N (conditioned by type of cable)		
Operating temperature	-40° to +85°C (conditioned by type of cable)		
Durability	min. 1000 cycles		
Assembly procedure	glue and polish		
Connection	physical contact of ferrules		
Lock mechanism	screw thread		
Standards	according to CECC 86135-801/-802, IEC 61754-3		

Note:

- 1) RL >85 dB measured with low coherence reflectometry (IEC 61300-3-6 method 3 OLCR)
- 2) Conditioned by the type of cable

Application:

- Telecom
- MAN, CATV, sensor systems
- Measuring techniques
- Utilities, railways

Accessories:

Ordering Code:

	AAA	- XX XXX	- XX	- (XX)¹	- XXX								
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Connector Type</th> <th style="text-align: left;">Description</th> </tr> </thead> <tbody> <tr> <td>DIN</td> <td>DIN/PC (MM)</td> </tr> <tr> <td>UDIN</td> <td>DIN/UPC</td> </tr> <tr> <td>NDIN</td> <td>DIN/APC</td> </tr> </tbody> </table>	Connector Type	Description	DIN	DIN/PC (MM)	UDIN	DIN/UPC	NDIN	DIN/APC			XX-color	XXX- length [m]	
Connector Type	Description												
DIN	DIN/PC (MM)												
UDIN	DIN/UPC												
NDIN	DIN/APC												
			<p>X - type (pigtail or jumper)</p> <p>J jumper</p> <p>PT pigtail tight buffered, strip in one shot < 10 cm</p> <p>PD pigtail easy strip > 100 cm</p>										
	<p>XX - diameter of cable, fiber</p> <p>09 fiber Ø 0.9 mm</p> <p>17 cable Ø 1.7 mm</p> <p>20 cable Ø 2.0 mm</p> <p>24 cable Ø 2.4 mm</p> <p>28 cable Ø 2.8 mm</p> <p>RF ribbon fiber</p> <p>RC ribbon cable</p>		<p>XXX - type of fiber</p> <p>OM1 MM 62.5/125 µm</p> <p>OM2 MM 50/125 µm</p> <p>OM3 MM 50/125 µm</p> <p>S2D SM 9/125 µm (G.652D)</p> <p>S5X² SM 9/125 µm (G.655X)</p> <p>S7X² SM 9/125 µm (G.657X)</p> <p>DS dispersion shifted</p> <p>TW TrueWave</p> <p>RS TrueWave - RS</p> <p>TL TeraLight</p> <p>LE Leaf</p>										

Note:

1. not filled when color is not defined
2. X - according fiber subtypes (e.g. G.655C)

Color Code:

BK	BN	RD	OG	YE	GN	BU	VT	GY	WH	PK	TQ
Black	Brown	Red	Orange	Yellow	Green	Blue	Violet	Grey	White	Pink	Turquoise