

## 2 CORE TPU EXTERNAL ARMoured FIBRE OPTIC PATCH LEADS

2 Core TPU External Armoured Fibre Optic Patch Leads are manufactured using a robust 3.3mm cable. This cable is constructed of 2 fibre cores contained within a flexible steel tube that is protected by multiple strands of Kevlar Yarn, an additional steel wire braid and a 1.8mm flexible steel tube which is all encased within a 3.3mm TPU External Black Outer Jacket.

These cables have high impact and crush resistant properties making them durable in high traffic areas. These cables can be used externally for permanent application or internally for temporary connections. As standard they come with 25cm breakout tails, Aqua for OM3 and Yellow for OS2.

### APPLICATIONS

- For use in 100mb, 1Gb & 10Gb/s high speed LAN networks
- High speed and legacy networks including Gigabit Ethernet, Fast Ethernet and Ethernet
- Data centres
- Supports video, data and voice services
- Internal Data and Telecoms
- Broadcast & Media
- FTTD (Fibre to the desk)
- CCTV
- Home fibre networking



### FEATURES

- 2 Cores within one 3.3mm jacket
- OM3 and OS2 options available
- Broad range of connectivity options
- High quality connectors
- Made to order 2-3 day lead time
- Rodent resistant
- Additional steel braid armouring



### CABLE CONSTRUCTION

External (mm)	3.3mm
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### CABLE SPECIFICATION

Fibre Count	2 x 600um
Cable Material	TPU
Strength Member / Armouring	Kevlar / Stainless Steel Braid & 1.8mm Stainless Steel Tube
Crush (N/100mm) Long term / Short term	500 / 1000
Tensile (N) Long term / Short term	300 / 800
Bending Radius (mm) Dynamic / Static	20D/ 10D
Operating Temperature (°C)	-20 to +70

### CONNECTOR SPECIFICATION

	SINGLEMODE		MULTIMODE
	UPC	APC	UPC
IL Max/Master (db) (Acceptance)	≤ 0.25	≤ 0.25	≤ 0.25
Return Loss	≥ 55	≥ 65	≥ 30

### STANDARDS

Cable Standards	IEC 60794-2-51
Test Standards	IEC 60794-1-21 and IEC 60794-1-22