

Patchcords and pigtails

O-m6 patchcords and pigtails are made from top-of-the-line materials. Their uncompromising design provides for reliable utilization in most applications. They are available in a wide range of connectors and fibres. Standard products come in 900 μm , 2 mm and 3 mm jackets. They can also be customized to suit specific applications, such as outdoor use, harsh, high-temperature and high-power environments, etc.



- **The best optical performance in the industry.**
- **Highly robust connectors.**
- **Latest-generation fibre used in most products.**
- **Our products have passed the most stringent testing specified in TELCORDIA GR-326-CORE.**

Technical characteristics

Parameters	Unit	U	A	P	
Polishing (single- or multi-mode)		UPC (SM)	APC (SM)	PC (MM)	Flat *
Insertion loss	dB	≤ 0.20	≤ 0.30	≤ 0.30	≤ 0.5
Return loss	dB	≥ -55.0	≥ -65.0	≥ -25	-
Apex offset	μm	0-50	0-50	0-50	-
Radius of curvature	mm	5-30	5-12	5-30	-
Fibre height	nm	-100/IEC Equation*			
Bend radius (long term)	cm	1 for bend-insensitive fibre			
Length tolerance	m	-0/+10 cm ($L \geq 1$ m), -0/+4 cm ($L < 1$ m), -0/+1 cm ($L < 20$ cm)			
Operating temperature	$^{\circ}\text{C}$	-20 to +70 (standard)			

The Series + includes the geometric qualification report.

- Lower insertion loss option available.
- All connectors are inspected to meet IEC standards.
- All connectors are tested at 850 nm (MM) and 1550 nm (SM), test data supplied.
- Products are designed to meet or exceed the TELCORDIA, GR-326-CORE standards.

All products ordered from O-m6 can be customized to meet your requirements.

| Questions? | **Contact us at 450 979-2275** | inf@om6.com

Technical features subject to change without notice