

Patchcords and Pigtails

O-m6 patchcords and pigtails are assembled with the best quality materials available on the market. Made without compromise, they are reliable and were developed to suit most applications. They are available in a wide range of connectors and fibers. Standard products come with 900 µm, 2 mm or 3 mm jackets. They can also be customized to suit specific applications such as outdoor use, harsh environment, high temperature, high power, etc.



- **Highest Optical performance in the industry**
- **Well-built design with durable components**
- **Latest fiber generation used in most products**

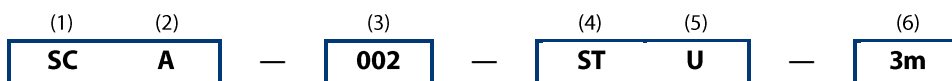
Specifications

Parameter	Unit	U	U +	A	A +	P	P +	F
Polish (Singlemode or Multimode)		UPC (SM)	UPC (SM)	APC (SM)	APC (SM)	PC (MM)	PC (MM)	Flat *
Insertion loss (typical value)	dB	0.25 (0.12)	0.20 (0.08)	0.35 (0.20)	0.30 (0.16)	0.40 (0.20)	0.30 (0.15)	0.5
Return loss (typical value)	dB	-55.0 (-58)	-58.0 (-62)	-65.0 (-68)	-68.0 (-72)	(-25)	(-25)	-
Apex offset	µm	0-50	0-50	0-50	0-50	0-75	0-50	-
Radius of curvature	mm	7-25	10-25 *	5-12	5-12	5-30	7-25	-
Fiber height	nm	-50	+/-50	-50	+/-50	-75	-75	-
Durability : IL < 0,7dB, RTL > nominal	cycles		More than 1000			More than 500		-
Bending radius, long term	cm		1 for Bend-insensitive fiber, 3 for standard fiber					
Length tolerance (lengths)	m		1 ≤ L < 20 : -0 /+0.1 (tight tolerance available)					
Operating temperature	°C		-20 to +70 (standard), from -50 to +150 (special products)					

* Depends on connector models.

- Lower insertion loss option available
- All connectors are visually inspected
- Connectors are tested at 850 nm (MM) and 1550 nm (SM), test data supplied
- Products designed to equal or exceed the TELCORDIA GR-326-CORE , data available
- + Series with geometrical qualification and dual wavelengths (telecom fibers), test data supplied

Key for Product Code | For further information, refer to our general **Product Code**.



(1): Connector, end A
(2): Polish, end A

(3): Fiber

(4): Connector, end B
(5): Polish, end B

(6): Length

To Order | Call us at **(450) 979-4110** or e-mail us at sales@om6.com for all the details.

All products can be customized to suit your specific applications.

Specifications may change without notice.

