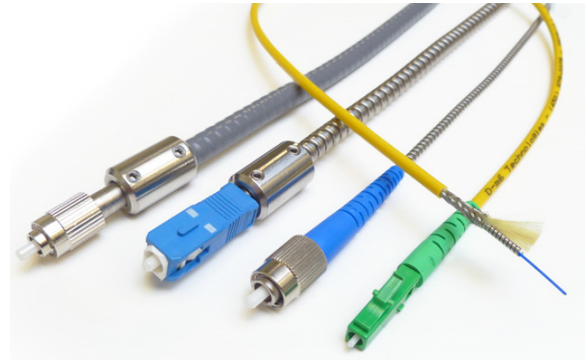


## Metallic cable assemblies

Metallic cables and assemblies are made using a stainless-steel jacket that gives the fibre unparalleled protection. Its flexibility and resistance to crushing make it an ideal product for industrial environments and high-temperature applications.



- Several jacket diameters available, with or without PVC.
- Squarelock and interlock (bend limiting) versions available.
- Compatible with most fibres and connectors.
- High-temperature and high-power versions available.
- Made to your plans and specifications.
- Available as a multi-fibre assembly.

### Technical characteristics

Parameters	Unit	U	A	P	F
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*			
Length tolerance	m	-0/+10 cm (L≥1 m), -0/+4 cm (L<1 m), (tighter tolerance available)			
Operating temperature	°C	-40 to +80 (standard), -40 to +200 (high-temperature version)			

The Series + includes geometric qualification.

- All connectors are inspected.
- All connectors are tested at the required wavelength, 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](mailto:inf@om6.com)

Technical features subject to change without notice