

Polymer Fibre Optic Cable Assemblies

500µ Polymer Cable Assembly

The OMC 500µ Polymer Fibre Optic Cable Assemblies are available in lengths of from 0 to 200m, and with a choice of connectors from ST®, SMA, H19 and Easy Connect™.

Cable Type	1.0mm Polyethylene Jacket FDPF2001EH
Numerical Aperture	0.47
Fibre Attenuation	≤0.20dB/m @650nm
Minimum Bend Radius	50mm
Operating Temperature Range	-55°C to +85°C
Tensile Strength	2kg
Connector In-Line Loss (with FDC20SMA)	<1dB



Ordering Information

A	12	CC	DD	EE
Prefix for Assembly	Cable Type	Connector Type	Length (mm) (-0% +10%)	Assembly Instruction

Connector Types [CC]

- A21 SMA
- A20 ST
- A9C H19
- A60 Easy Connect™

Assembly Instruction [EE]

- A0 Both Connectors Same
- A1 Connector One End Only (Pigtail)

Length (mm) [DD]

- 1-200000.

Patchcords (Connector Each End)

Standard Stock Items

Part No	Connector	Length
A12A211000A0	FSMA	1 Mtr
A12A212000A0	FSMA	2 Mtr
A12A215000A0	FSMA	5 Mtr
A12A2110000A0	FSMA	10 Mtr
A12A201000A0	ST®	1 Mtr
A12A202000A0	ST®	2 Mtr
A12A205000A0	ST®	5 Mtr
A12A2010000A0	ST®	10 Mtr

Other lengths & connector combinations to order on standard lead time.

Example 500µ PE cable with 1mm jacket fitted with FSMA connectors each end, 1m long.

A 12 A21 1000 A0

12 = 500µ Polymer Cable, 1mm PE Jacket
 A21 = 500µ Polymer SMA Connector
 1000 = 1 Meter Length
 A0 = Same Connectors Each End

This covers our standard products, but is by no means our full product range. Please contact our Technical Department with your requirements.

Polymer Fibre Optic Cable Assemblies

1mm Polymer Cable Assembly

The OMC 1mm Polymer Fibre Optic Cable Assemblies are available in a choice of connectors from ST®, SMA, H19, Easy Connect™ and DNP. lengths of from 0 to 200m, and with

Cable Type	2.2mm UL Specified PVC
Numerical Aperture	0.47
Fibre Attenuation	≤0.18dB/m @650nm
Minimum Bend Radius	50mm
Operating Temperature Range	-40°C to +85°C
Tensile Strength	7kg



Ordering Information

A	19	CC	DD	EE
Prefix for Assembly	Cable Type	Connector Type	Length (mm) (-0% +10%)	Assembly Instruction

Connector Types [CC]

- **A5** SMA
- **A43** ST
- **A9** H19
- **A60** Easy Connect™
- **A35** DNP

Assembly Instruction [EE] - **A0** Both Connectors Same
 - **A1** Connector One End Only (Pigtail)

Length (mm) [DD] - **1-200000**.

Example 1mm FRPVC cable with 2.2mm jacket fitted with FSMA connector one end, 20m long.

A 19 A5 20000 A1

19 = 1mm Polymer Cable, 2.2mm UL Specified PVC Jacket
 A5 = 1mm Polymer SMA Connector
 20000 = 20 Meter Length
 A1 = Connector One End Only (Pigtail)

Patchcords

(Connector Each End)

Standard Stock Items

Part N°	Connector	Length
A19A51000A0	FSMA	1 Mtr
A19A52000A0	FSMA	2 Mtr
A19A55000A0	FSMA	5 Mtr
A19A510000A0	FSMA	10 Mtr
A19A431000A0	ST®	1 Mtr
A19A432000A0	ST®	2 Mtr
A19A435000A0	ST®	5 Mtr
A19A4310000A0	ST®	10 Mtr

Other lengths & connector combinations to order on standard lead time.

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