MTP / MPO CABLING

MTP OM3 48 fibre assemblies

How 48-fibre OM3 MTP assemblies are laid out, what they can carry, and what a drawing needs before you ask for a quote.

SPECIFICATIONS

Assemblies needed (4 links each)	12 / 4
Fibres installed	3 x 48
Fibres lit	12 links x 8
Fibres dark	144 minus 96
Cable loss, OM3	0.06 km x 3.5 dB/km
Mated MTP pairs (assumed 0.35 dB each, two in the channel)	2 x 0.35 dB
Channel loss	0.21 + 0.70
Margin	1.9 minus 0.91

HOW TO ORDER, SEND US

- Fibre type and grade: OM3 50/125, with the jacket (LSZH, riser or other) named.
- Total fibre count: 48, with the split into legs (4 x 12 or 2 x 24) at each end.
- Connector type at each leg: MTP or generic MPO, gender in words for each end, and the polish (flat for multimode).
- Polarity method, key orientation, and fibre-position mapping if non-standard.
- Trunk length, measured along the route, plus each leg length and the stagger.
- Pulling protection: grips, a pulling eye, or none.
- Labelling text and colour, and the position of labels on the legs.
- Test report format: insertion loss per fibre, with the wavelength named. Ask the quote to say what is reported.



Illustrative image. Your assembly is built to your drawing.

OPTIONS

Fibre count and connector	For example MPO-12, MPO-24
Fibre type	For example OM3, OM4, OS2
Polarity	Type A, B or C
Length	In metres

Price on request

Send your drawing or part list. An engineer reads every request and replies with questions or a quote.

Request a quote

Scan, or open radixfibrotech.com/mtp-mpo-cables/mtp-om3-48-fibre-patch-cords/

Specifications are as published for this product. The final specification, lengths and lead time are confirmed in your quotation.