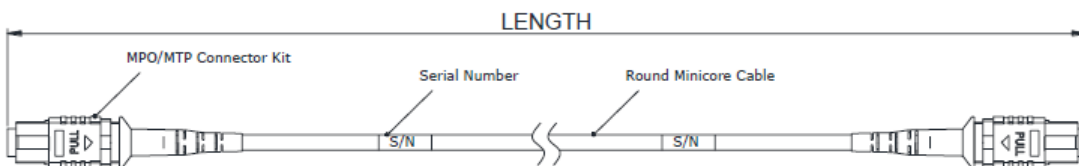


DATASHEET

MPO/MTP[®] Trunk Cables



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Construction	Description
Fiber Count	8 – 12 – 16 – 24 - 32
Fiber Mode	Singlemode 9/125µm OS2 Multimode 50/125µm OM3/OM4/OM5
Fiber Brand	OS2/OM3/OM4/OM5 Draka Prysmian
Connector Type	MPO Female, Male MTP® Female, Male MTP® PRO available on request
Connector Brand	MPO Sanwa or Nissin Kasei MTP® US Conec
Polarity	Type A (Cross), Type B (Straight), Type C (Twist/Flip)
Specification	Low Smoke Zero Halogen (LSZH) CPR Cca RoHS, REACH and EU 305 (CPR) compliant EIA/TIA, Telcordia GR-326-CORE IEC 61754-7

Color Codes	MTP®	MPO
Cable Jacket	OS2 Yellow or Blue OM3 Aqua OM4 Aqua or Erika Violet OM5 Lime Green	OS2 Yellow or Blue OM3 Aqua OM4 Aqua or Erika Violet OM5 Lime Green
Connector	OS2 Standard Green OS2 Low Loss Yellow OM3 Beige or Aqua OM4 Aqua or Erika Violet OM5 Lime Green	OS2 Standard Green OS2 Low Loss Yellow OM3 Aqua OM4 Aqua or Erika Violet OM5 Beige

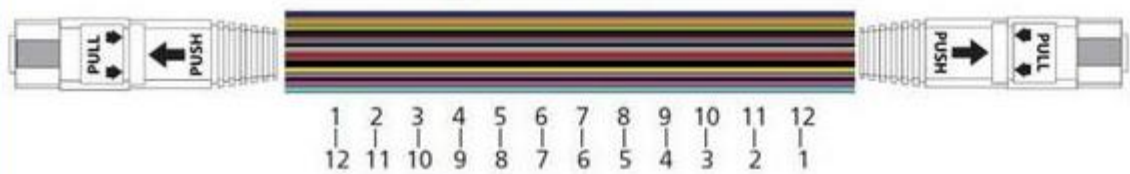
Physical Properties	Description
Cable Diameter	12FO Single Jacket 3,0mm 24FO Single Jacket 3,6mm 12FO Double Jacket 4,5mm 24fo Double Jacket 5,6mm
Double Jacket stripping length	Standard 20 cm – other lengths on request
Minimum Bending Radius	Singlemode 10,0mm, Multimode 7,5mm
Operating Temperature	-10°C to +70°C
Storage Temperature	-40°C to +85°C

Optical Properties	Description
Fiber Attenuation (dB/km)	SM OS2 $\leq 0,32$ at 1310nm, $\leq 0,18$ at 550nm MM OM3/OM4 $\leq 2,30$ at 850nm, $\leq 0,60$ at 1300nm MM OM5 $\leq 2,30$ at 850nm, $\leq 1,70$ at 953nm, $\leq 0,60$ at 1300nm
Insertion Loss (dB)	Standard Singlemode $\leq 0,50$ Low Loss Singlemode $\leq 0,35$ Standard Multimode $\leq 0,50$ Low Loss Multimode $\leq 0,35$
Return Loss (dB)	Singlemode ≥ 60 Multimode ≥ 20

Type A - Straight



Type B - Crossover



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