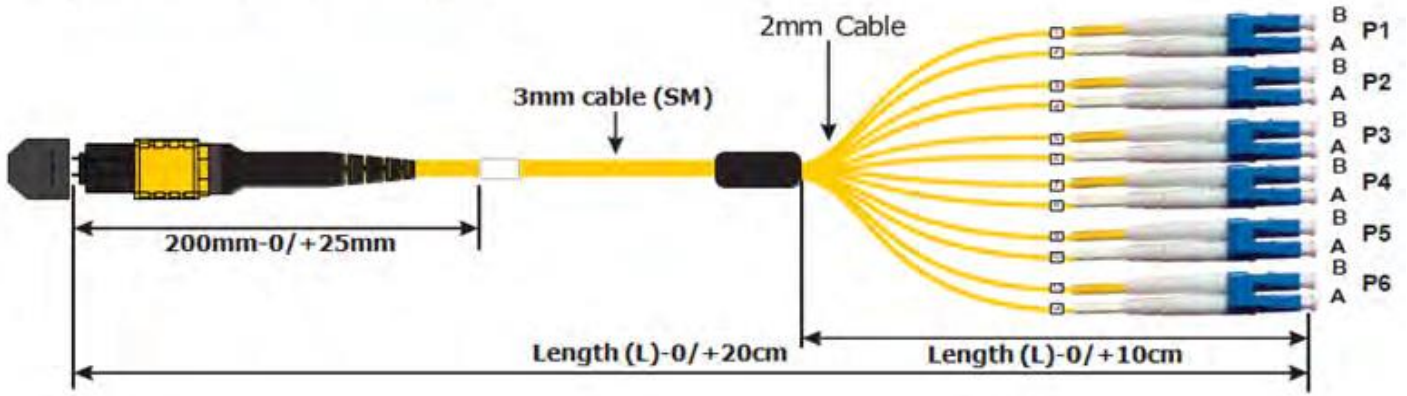
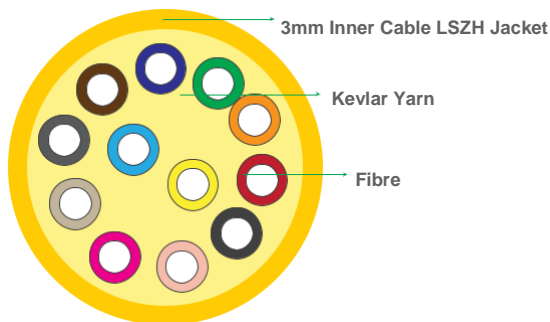


Break Out Cable 12F 3mm MTP-LC Duplex Trunk cable assembly-

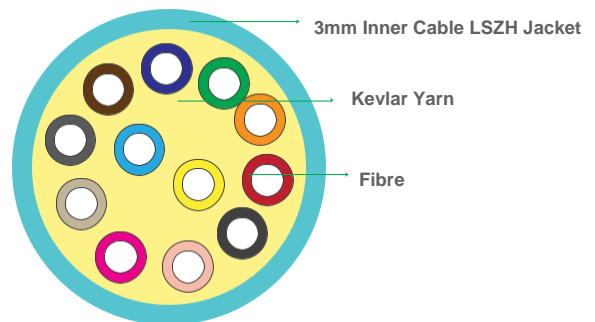
PRODUCT SCHEMATIC



CABLE STRUCTURE



12 Fibre SM 3mm Trunk Cable



12 Fibre OM3/OM4 3mm Trunk Cable

PRODUCT SPECIFICATION

Fibre type	G657A1(SM)/OM3/OM4
Capacity	12F (12F 3mm Trunk cable)
Trunk length	As per customer request
Tolerance	L-0/+0.20Mtr, ≥ 10m:L+2%L/-0 Mtr
Cable Jacket color	SM-Yellow/OM3&OM4-Aqua
Outer Jacket material	LSZH
MTP Connector	Male/Female
MTP connector Housing	Yellow for SM Elite/Aqua OM3&OM4
MTP connector Boot	Black
MTP Connector Make	UsConnec
Pull Force (0°)	44.0 N
Test wave length	SM@1310nm or 1550nm,OM3&OM4@850nm
Operating temperature	-40°C to +70°C

STANDARDS COMPLIED

MTP Termination	TIA/EIA-568-B.3
MTP connector	IEC 61754-7

TESTING STANDARD

Insertion loss	IEC 61300-3-4
Return loss	IEC 61300-3-6
End face	IEC 61300-3-35

OPTICAL SPECIFICATION

Insertion loss	MTP ≤0.35dB (Premium) & ≤0.6dB (STD), LC≤0.30dB
Channel Loss	MTP-LC ≤0.65 (Premium) & ≤0.9dB (STD)
Back reflection	SM -MTP ≥ 60dB,LC ≥ 50dB, : OM3/OM4 -MTP ≥ 20dB,LC ≥ 20dB
Channel Loss (RL)	SM -MTP-LC ≥ 50dB,OM3/OM4 -MTP-LC ≥ 20dB