

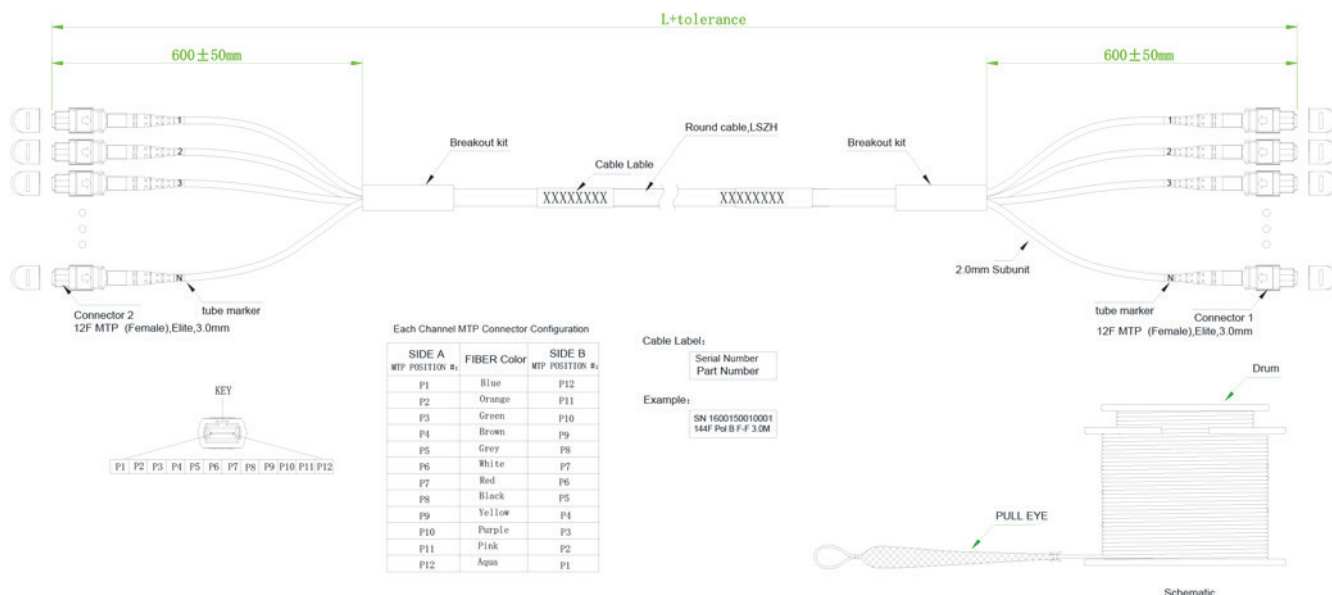
MTP/MP0 Trunk Cable Assemblies

KEY FEATURES

- Factory pre-termination, 100% tested to ensure the transmission performance
- Rapid configuration, reduce installation time
- Rapid upgrading, support parallel transmission
- Loose tube structure, OFNR, OFNP and LSZH materials are available for outer sheath
- Complies with IEC 60874 series, ANSI/TIA/EIA 568-C3, & Telcodia GR-326-CORE Issue 4 standard

APPLICATIONS

- Inner building backbone application
- Optical cable for patching applications
- Data centre trunking



Environmental data

OPERATION TEMPERATURE	-20 °C to +60 °C
STORAGE TEMPERATURE	-25 °C to +70 °C
INSTALLATION TEMPERATURE	-5 °C to +50 °C

Packing

STANDARD	L<20M 1pc in a bag
	L>20M 1pc on paper drum

Cable Dimension

FIBRE COUNT	12	24	48	72	96	144	288
SUB UNIT OD (MM)	/	2	2	2	2	2	2
CABLE OD (MM)	3.0±0.1	7±0.5	7±0.5	8.5±0.5	10±0.5	10.5±0.5	14.6±0.5

Mechanical data

FIBRE COUNT	BENDING RADIUS (MM)		TEMPERATURE (°C)		
	Static	Dynamic	Operation	Installation	Storage
1 – 288	10D	20D	-20~+60	-5~+50	-20~+70

Available Variants

NO.	ELEMENT	REQUIREMENTS
1	Connector 1 (Side A)	MTP 12F Elite female connector: SM for MTP/APC MM for MTP/UPC Other type MPO or MTP connect can be Optional
2	Connector 2 (Side B)	MTP 12F Elite female connector: SM for MTP/APC MM for MTP/UPC Other type MPO or MTP connect can be Optional
3	Tube marker	1~24
4	2.0mm tube	Single mode: Yellow OM3 & OM4: Aqua
5	Breakout kit	/
6	Polarity	B Other polarity can be customised.
7	Length (m)	Tolerances (mm)
	L≤10	+200/0
	10<L≤50	+500/0
	L>50	+1%L/0

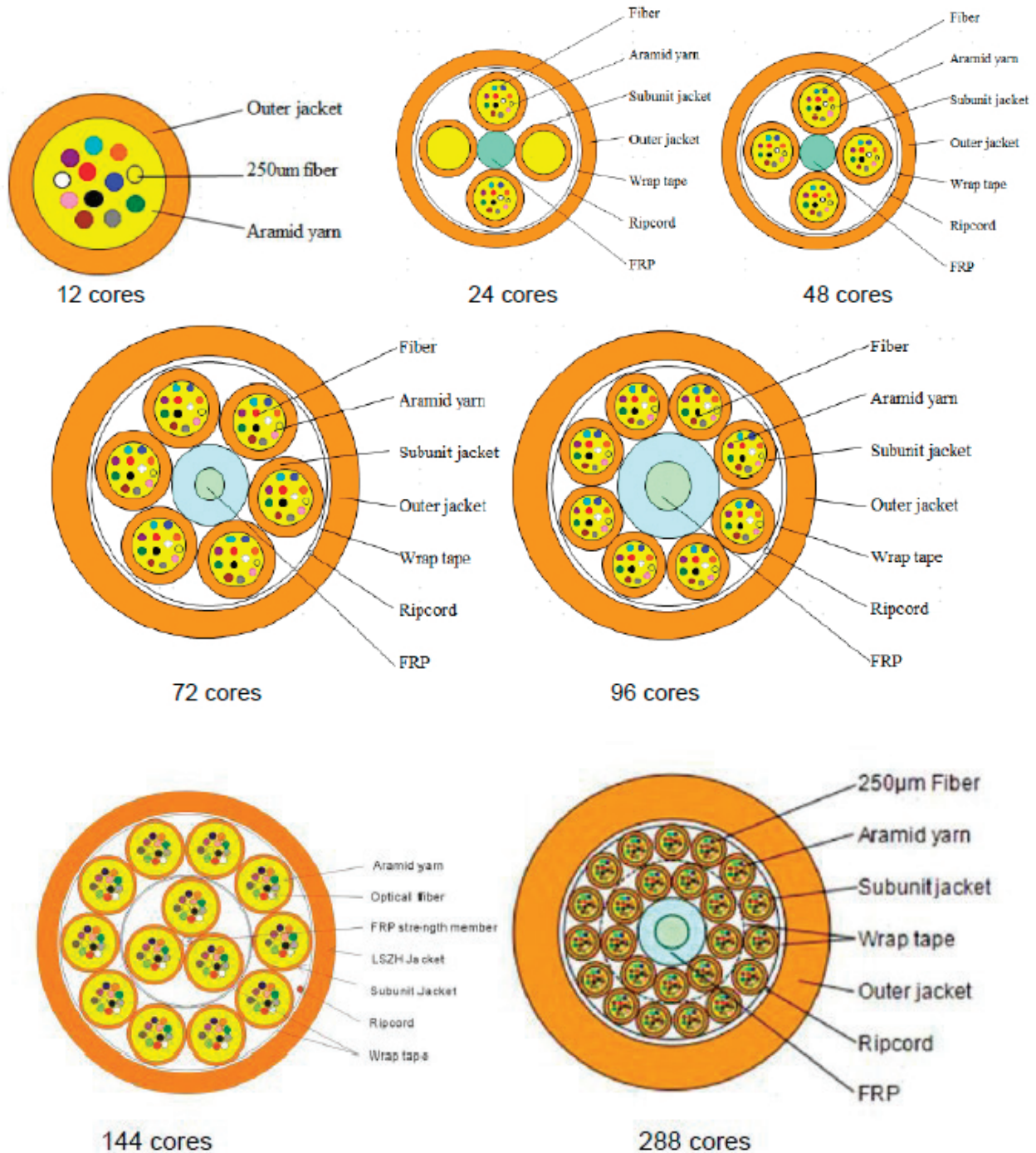
Note:

If the cable is 12 core, Breakout kit, tube marker parts Non-existent.

The N is a changing number depend on the quantity of the cores.

Customers can define the connector types and polarity by order.

Cable structure



Connector Performance

CONNECTOR TYPE	IL (DB)	500 TIMES DURABILITY Δ IL (DB)	TEMPERATURE CYCLING Δ IL (DB)
MTP ELITE SM	≤ 0.35	≤ 0.20	≤ 0.20
MTP ELITE MM	≤ 0.35	≤ 0.20	≤ 0.20
STANDARD GRADE MPO SM	≤ 0.7	≤ 0.20	≤ 0.20

END FACE	RL (DB)	WAVELENGTH (NM)
UPC (SINGLE MODE)	≥ 50	1310/1550
APC (SINGLE MODE)	≥ 60	1310/1550
UPC (MULTI MODE)	≥ 25	850/1300

Fibre Performance

FIBRE TYPE	CORE/CLADDING DIA. (UM)	BANDWIDTH (MHZ•KM)	WAVELENGTH (NM)	MAX. ATTENUATION (DB/KM)
G652D	9/125	NA	1310/1550	0.36/0.22
G657A2	9/125	NA	1310/1550	0.36/0.22
G655	9/125	NA	1530-1565	0.22
BI OM3	50/125	2000	850/1300	3.0/1.0
BI OM4	50/125	4700	850/1300	3.0/1.0