

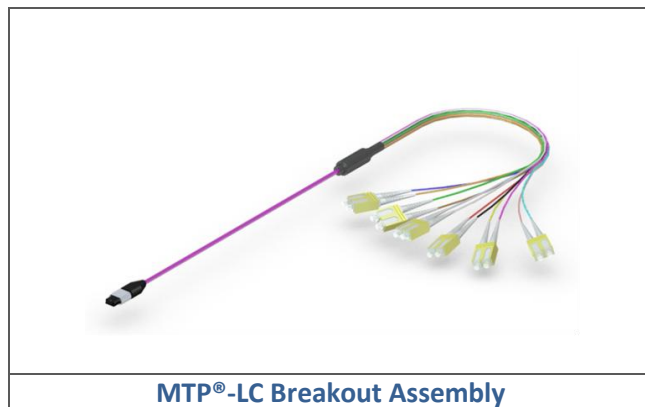
## APPLICATION

Hybrid breakout units are made up of 8, 12 OR 24 fibres LSOH jacketed cables terminated at one end in pinned MTP low loss connectors, through a bifurcation unit, to LC duplex low loss connectors (high precision SM tolerance versions) terminated to 2mm OD simplex cables.

The assemblies are available in OM3, enhanced OM4 or single-mode performance grades.

## FEATURES

- Ultra high-performance connectors
- Plug and play technology
- Factory termination
- Bend-insensitive fibre (multimode fibre)
- LSOH sheathing



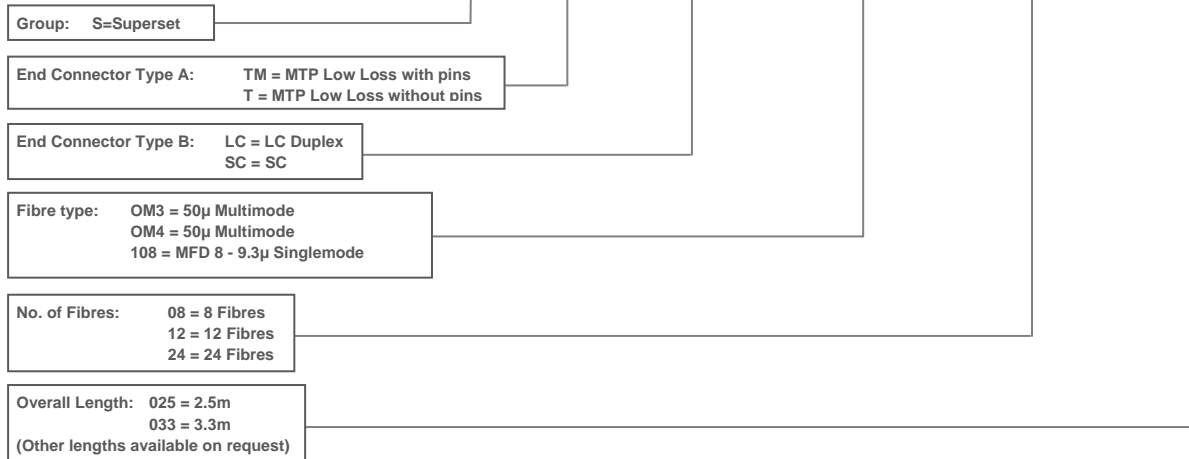
MTP®-LC Breakout Assembly

## ORDER INFO

Brand-Rex Part Number	Item Description	Colour
STMLCOM312020	Breakout assembly, low loss MTP with pins to 12 LC low loss connectors, OM3 performance, 12 way, 2.0m overall length	Aqua
STLCOM412030	Breakout assembly, low loss MTP without pins to 12 LC low loss connectors, OM4 Performance, 12way, 3.0m overall length	Heather Violet

## PART NUMBER BREAKDOWN

# SAABBCCDDEEE

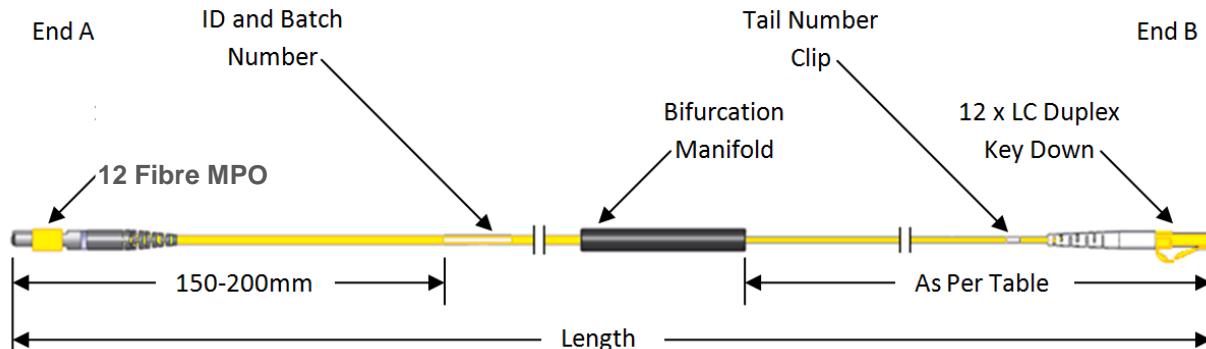


Notes: SMF terminations are angled polished  
Breakout unit legs are a standard 1m long

# MT Connect Superset MTP®-LC Breakouts

Datasheet: GD102625v2

## PHYSICAL CHARACTERISTICS



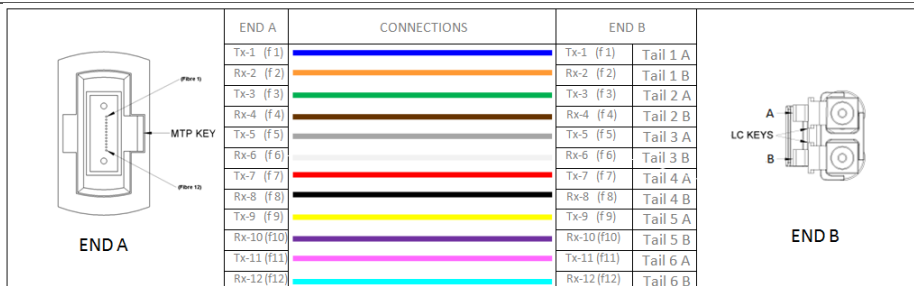
## MECHANICAL SPECIFICATIONS

- Trunk Cable: 3.0mm OD LSOH Micro Distribution Cable
- Tails: 2.0mm OD LSOH Simplex Cable

## OPTICAL CHARACTERISTICS

- Singlemode
  - Insertion Loss (dB): 0.15 typical 0.35 maximum
  - Return Loss (dB): 60 minimum
  - Attenuation (dB/km): 1310nm 0.3 typical 0.5 maximum  
1550nm 0.2 typical 0.4 maximum
- Multimode
  - Insertion Loss (dB): 0.15 typical 0.35 maximum
  - Return Loss (dB): 20 minimum
  - Attenuation (dB/km): 850nm 2.6 typical 3.5 maximum  
1300nm 0.6 typical 1.5 maximum

## WIRING SCHEMATIC



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