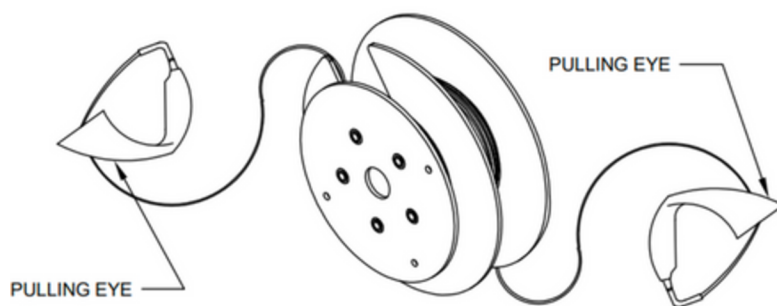


# Pre-terminated Assemblies

## Factory Terminated, Single Mode & Multi Mode

Pre-Terminated Fibre Optic Assemblies from Veyra Fibre offer fully factory-terminated, tested, and ready-to-deploy solutions for high-performance fibre network installations. Built to minimize on-site termination work, these assemblies deliver reliable optical performance, reduce installation time, and ensure consistent quality across a variety of deployment environments. Assemblies are available in single mode (G.657.A1 & G.657.A2) and multimode (OM3, OM4 & OM5) fibre specifications, with a range of connector, cable type, and jacket options to suit both indoor and outdoor installations.



### Applications

- Data centre interconnections and structured cabling
- Telecom central offices, exchanges, and headends
- Inter-building backbone cabling
- Intra-building, cross-floor and campus deployments
- Rack-to-rack and panel-to-panel fibre connections
- FTTx distribution networks
- Rapid deployment environments with limited on-site termination capabilities, like mining and infrastructure builds

### Features and Benefits

- Guaranteed insertion loss and return loss per IEC Grade B standards for single mode connectors
- Available with LC, LCA, SC, SCA, ST, and MPO terminations
- Supports loose tube, unitube, tight-buffer, and ribbon fibre constructions
- Jacket Options: PE, PE+Nylon for termite resistance, and LSZH for indoor safety compliance
- High Density Solutions: Ideal for space-constrained installations with tight routing environments

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### Single Mode

Optical Performance	Value
Insertion Loss (Max) (LC, LCA, SC, SCA)	$\leq 0.30$ dB
Return Loss (Min) (UPC)	$\geq 50$ dB
Return Loss (Min) (APC)	$\geq 60$ dB
Insertion Loss (Max) (MPO - Low Loss)	$\leq 0.30$ dB
Return Loss (Max) (MPO - Low Loss)	$\geq 60$ dB

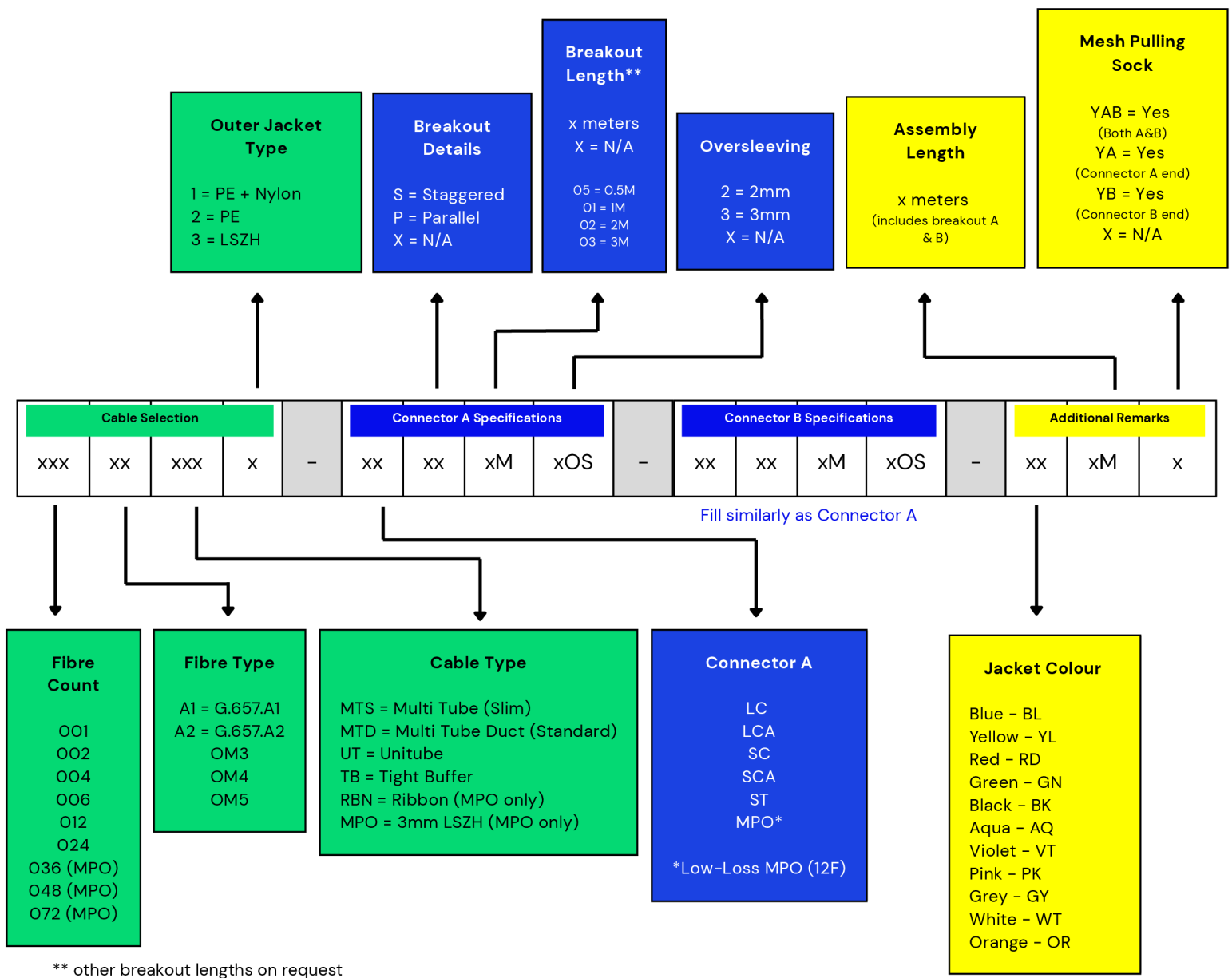
### Multi Mode

Optical Performance	Value
Insertion Loss (Max) (LC, SC)	$\leq 0.50$ dB
Return Loss (Min) (LC, SC)	$\geq 30$ dB
Insertion Loss (Max) (MPO - Low Loss)	$\leq 0.20$ dB
Return Loss (Min) (MPO - Low Loss)	$\geq 20$ dB

### Applicable Standards

- Australian Compliance: AS/CA S008
- Optical Fibre and Cable: Telcordia GR-20, IEC 60793, IEC 60794
- Connector Performance: IEC 61755-1 (Grade B), IEC 61755-3 (PC Interface), IEC 63267-3-1 (PC Interface, MPO Connector)
- Optical Measurement Methods: IEC 61300-3-4 (Return Loss), IEC 61300-3-6 (Insertion Loss)
- Fire Performance: IEC 60332-1 (Flame Retardancy), where applicable.
- Structured Cabling Compliance: ISO/IEC 11801

Ordering Guide



Order Example

006A1MTS1-SCAS1M2OS-SCA01M2OS-BL100Y

6 core, G.657.A1 fibre, Slim Profile Multi Tube Cable, PE & Nylon jacketed with SCA-SCA termination at both ends, Staggered breakout of lengths 1 meter, with 2mm oversleeving, Blue outer jacket, 100m assembly length with mesh pulling sock at both ends

012A2MPO3-MPOXXX-LCAS01M2OS-YL20YA

12 core, G.657.A2 fibre, 3mm MPO cable assy, LSZH jacketed with MPO termination on one end, and LC/APC fanout with staggered breakout of lengths 1 meter, with 2mm oversleeving, Yellow outer jacket, 20m assembly length with mesh pulling sock at MPO end

Packaging

- Coiled assembly packaged in a bag (up to 25 meters)
- Assemblies over 25 meters, supplied on reels

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