

# PRE-TERMINATED CABLE

## DESCRIPTION

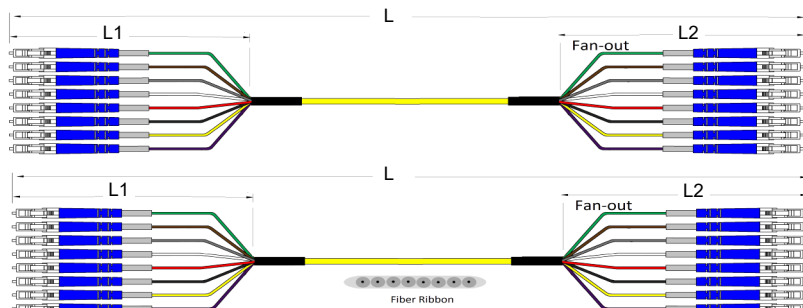
Pre-terminated cable combines individual cables into one single bundle as convenient to use cord cables. They come with various structures and connector options with pre-terminated fan-out fiber pigtails at either one end or both ends. We use either bundle fiber cables or ribbon fiber cables to produce the assemblies. Fan-out fibers terminated with FC, SC, LC, ST, MU, or E2000 connectors with PC, UPC or APC end-face. To easily identify the multiple fiber cables, 0.9mm cable itself is constructed with different colors, whereas 2mm or 3mm OD cables have number labeling at each of the cable end.

## FEATURES

- Single cable assembly with multiple fiber termination options
- Various types of fiber cable jackets and lengths
- FC, SC, LC, ST, MU, MT or E2000 connector types
- High precision zirconia ceramic ferrule (except MT-RJ with thermoplastic) protected by dust cap
- Low insertion loss, high repeatability and stability
- Free from index matching gel
- Available connector surface polishing: UPC and APC<sup>\*1</sup>
- Operating temperature in compliance with IEC 61753-1 Table A.1
- Latching mechanism in accordance to IEC61754<sup>\*2</sup>
- Factory terminated connectors minimizing the insertion loss
- Cost effective solution that eliminates on-site splicing
- Reduced cable diameter to save riser and cable tray space

## APPLICATIONS

- Backbone, premise distribution, and interconnect
- Outside plant



## SPECIFICATIONS

Fiber Mode	SM, MM					
Fiber Count <sup>*3</sup>	8	12	16	24	36	48
Fan-out Cable Diameter (mm)	Φ3, Φ2, Φ0.9					
Cord Cable Outer Diameter (mm) <sup>*4</sup>	Φ5.0±0.5	Φ5.0±0.5	Φ5.5±0.5	Φ5.5±0.5	Φ5.5±0.5	Φ6.5±0.5
Connector Type <sup>*5</sup>	FC, SC, ST, LC, MU, E2000 <sup>*6</sup>					
	UPC or APC Polishing					

## MATERIAL

Connector Type	FC, ST, SMA	MU, E2000 <sup>*6</sup> , SC, LC, MT
Connector Housing	Nickel Plated Brass	Polymeric plastic tested in accordance to IEC60068-2-10
Sub-assemblies	Nickel Plated Brass	Polymeric material tested under UL94 (V-0 Rating)
Bend Limiting Strain Relief Boot	Polymeric material tested under UL94 (V-0 Rating)	Polymeric material tested under UL94 (V-0 Rating)
Fiber Jacket	LSZH (UL2024 rated)	
Ferrule	Zirconia Ceramic	

### Note:

<sup>\*1</sup> Differentiated by color: dark blue for UPC; green for APC

<sup>\*2</sup> Latching mechanism with adapter in accordance with IEC61754-2 for ST connectors; -4 for SC connectors; -6 for MU connectors; -7 for MPO/MTP connectors; -13 for FC connectors; -15 for E2000 connectors; -20 for LC connectors

<sup>\*3</sup> Other fiber count available upon request

<sup>\*4</sup> Typical jacket thickness = 1±0.05mm; cable diameter subject to availability of the cable types.

<sup>\*5</sup> For connector specifications, Environmental Test and Geometry specifications, please refer to "Patchcords and Pigtails" datasheet.

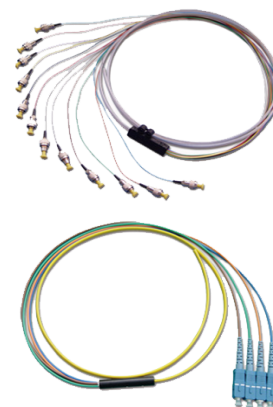
<sup>\*6</sup> E2000 connectors are R&M

Note : Specifications subject to change without notice

### Distribution Cable Fan-out Cord



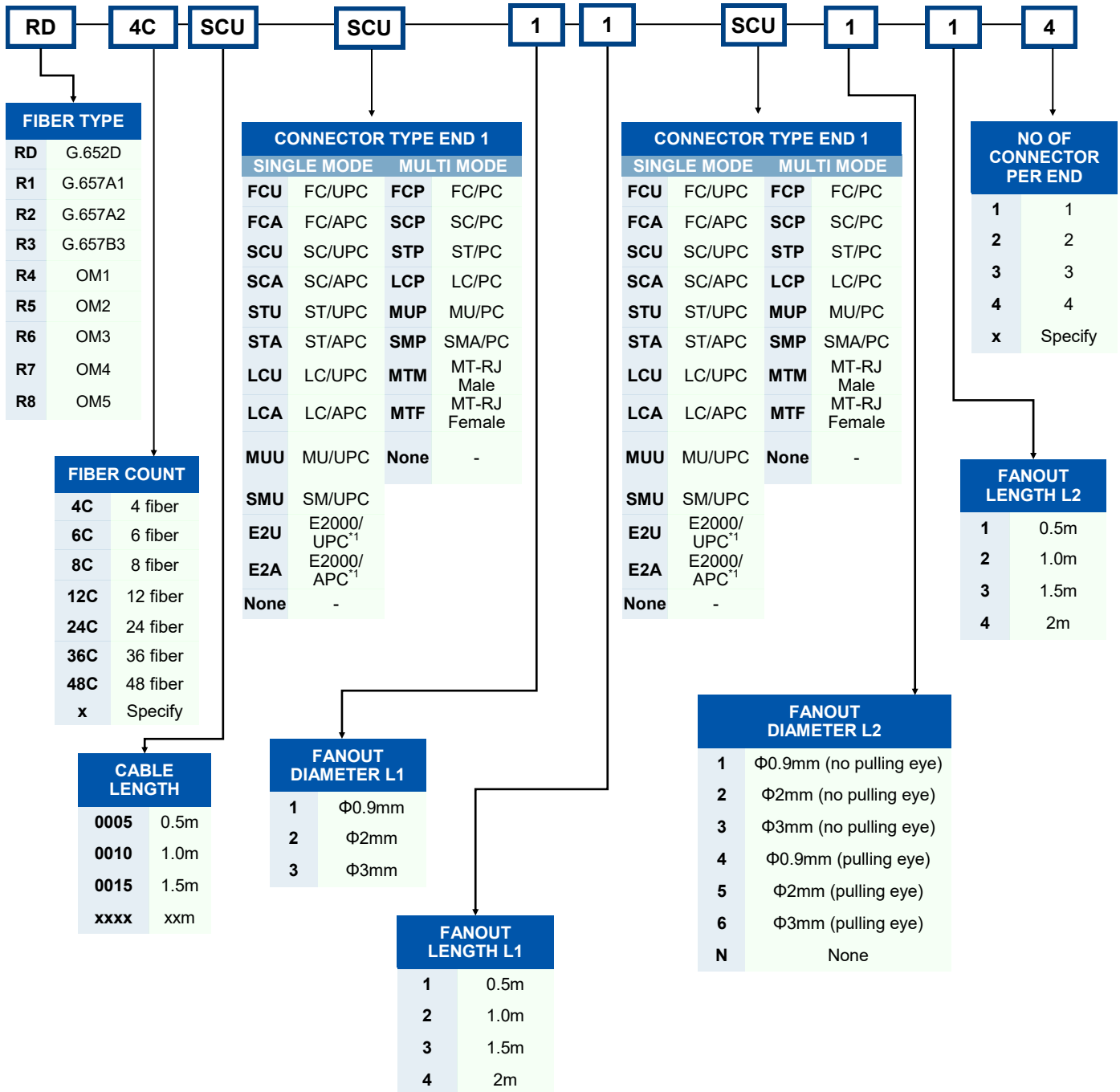
### Ribbon Cable Fan-out Cord



# PRE-TERMINATED CABLE

## ORDERING INFORMATION

EXAMPLE : RD4C0005-SCU11SCU11-4



Note:  
\*1 E2000 connectors are from R&M