



Optical Distribution Cable Series

OPTICAL CONNECTIVITY

# enlighten

## Dual Jacket Distribution Cable

Teleste dual jacketed distribution cable designed for building entry solutions. The black outer jacket is perfect for outdoor installations and the smaller white indoor jacket for indoors. Both jackets are UV stabilised giving more options. The cable will come with pre-terminated connectors designed for push and pull applications. The outer jacket is easily strippable using the internal rip cord or longitudinal stripping tool. This allows direct installation of cable from outdoor distribution point through the wall and directly to the outlet by stripping the part of the cable leaving only white jacket seen indoors.

### Features

- Two jacket structure 2 mm inner (white) and 5 mm outer strippable (black)
- UV stabilised and certified according to CPR Cca-s1a, d1, a1
- Easy strippable outer jacket (with internal stripcord)
- Provided in standard or custom lengths
- Terminated with standard or push/pull connectors

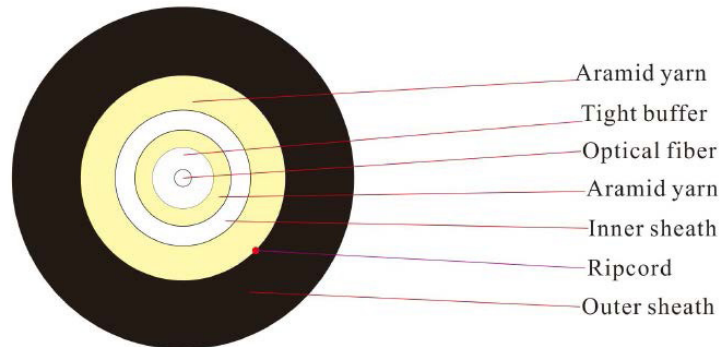


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## enlighten FTTx PASSIVES / OPTICAL DISTRIBUTION CABLE SERIES

| SPECIFICATION                          |                                      |                             |   |
|--|--------------------------------------|-----------------------------|---|
| Cable                                  | GJFXH-1B6a2                          | Fiber type                  | Corning G657 A2   |
| Number of fibres                       | 1                                    | Tight buffer colour         | White (or customer request)   |
| Tight buffer material                  | LSZH                                 | Tight buffer diameter (mm)  | 0.85±0.05   |
| Strength member                        | Aramid yarn                          | Inner jacket color          | White (RAL 9003)  |
| Inner jacket material                  | LSZH C <sub>ca</sub> (UV resistance) | Inner jacket thickness (mm) | 0.3 ± 0.05  |
| Inner cable diameter (mm)              | 1.9 ±0.1                             | Strength member             | Aramid yarn   |
| Outer jacket colour                    | Black (RAL 9017)                     | Outer jacket material       | LSZH C <sub>ca</sub> (UV resistance)  |
| Outer jacket thickness (mm)            | 1.0 ±0.1                             | Cable diameter (mm)         | 4.9 ±0.1  |
| Cable weight (kg/km)                   | 24.0 ±10%                            | Min. bending radius (mm)    | (Static) 10 times of the cable shorter diameter<br>(Dynamic) 20 times of the cable shorter diameter |
| Attenuation ( dB/km)                   | ≤ 0.4 at 1310nm, ≤ 0.3 at 1550nm     | Long/Short term tensile (N) | 250/500   |
| Long/Short crush resistance (N/100 mm) | 300/1000                             | Operation temperature (°C)  | -20 ~ +60   |
| Flame retardant                        | Conform to CPR C <sub>ca</sub>       |                             |   |

### CABLE PROFILE VIEW



### ORDERING INFORMATION

| P/N           | DESCRIPTION  |
|---------------|--|
| TEN-DJ3325S-X | Dual jacket distribution cable Standard LC/APC-LC/APC G657A2 Simplex X meters  |
| TEN-DJRR25S-X | Dual jacket distribution cable Standard LC-TT™- LC-TT™ G657A2 Simplex X meters (LC-TT™ from Ridgmount Technologies Ltd.) |



TELESTE CORPORATION

[www.teleste.com](http://www.teleste.com)

Aerial Distribution Enclosure Dual Jacket Distribution Cable\_240417

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