

## PRODUCT DESCRIPTION

## FEATURE/BENEFITS

## SPECIFICATIONS

|               |         |
|---------------|---------|
| Core Diameter | 1310 nm |
|               | 1550 nm |

Cladding Diameter

Coating Diameter

Cable Cut-Off Wavelength

|                         |         |
|-------------------------|---------|
| Attenuation Coefficient | 1310 nm |
|                         | 1550 nm |

Proof Stress Level

## SINGLE JACKET ADSS DS2 SINGLE MODE CABLES

Fiber Count 6 up to 288 with strain free fibers in a stranded loose tube design

Most common and widely used design

Complies with international or national standard (IEC, STEL-K)

## DOUBLE JACKET SINGLE ARMORED DS2 SINGLE MODE CABLES

## SINGLE MODE DS2

9.2±0.4 μm

10.4±0.8 μm

125.0 ± 1 μm

242 ±7 μm

≤ 1260 nm

≤0.36 Db/km

≤0.22 Db/km

≥100 kpsi

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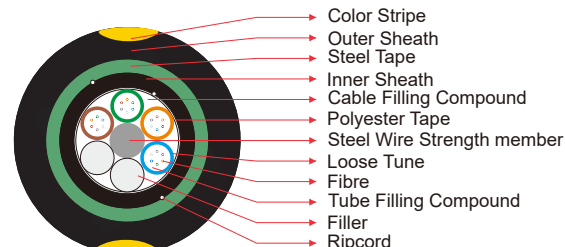
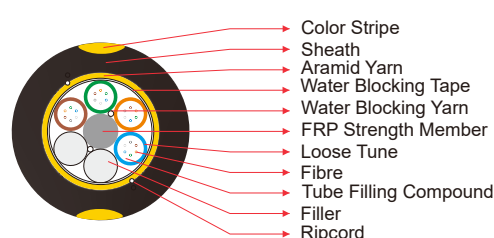
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≤0.22 Db/km

≥100 kpsi



## PHYSICAL PARAMETER

|                            |       |
|----------------------------|-------|
| Fiber Count                | Core  |
| Cable Diameter             |       |
| Loose Tube                 |       |
| Filler                     |       |
| Central Strength Member    |       |
| Water Blocking             |       |
| Additional Strength Member |       |
| Inner Jacket               |       |
| Armored                    |       |
| Outer Jacket/Sheath        |       |
| Color Stripe               |       |
| Nominal Cable Weight       | Kg/km |
| Minimum Bend Radius        | Mm    |
| Repeating Bend             | Mm    |

|                      |         |
|----------------------|---------|
| Maximum Tensile Load | N       |
| Crush Resistance     | N/100mm |
| Impact Resistance    | N.m     |
| Torsion              | N.m     |

Temperatures

## FULL RANGE OF FIBER TYPE

## ORDERING CODE &amp; PART NUMBER\*

## Outdoor Duct / Aerial Cable

4 -72

10.0 mm

|                |                        |                           |
|----------------|------------------------|---------------------------|
| Diameter : 2.1 | Material : PBT         | Color : 12 Color Spectrum |
| Diameter : 2.1 | Material : FRP         | Color : Black             |
| Diameter : 2.1 | Material : PE          |                           |
|                | Material : Yarn Tape   |                           |
|                | Material : Aramid Yarn |                           |

|                     |                 |               |
|---------------------|-----------------|---------------|
| Thickness : 1.5±0.1 | Material : MDPE | Color : Black |
|                     | Yellow          |               |
|                     | 75              |               |

Static : 10 \* D Dynamic : 20 \* D

Load: 150N; number of cycles:25

No damage to outer jacket and inner elements

3000

3000

Impact energy: 10J×300mm; number of impact: 1; impact Point: 1

No damage to outer jacket and inner elements

Load: 150N; number of cycles:10; twist angle:±180 °

No damage to outer jacket and inner elements

Operation : -10 to +70 °C

✓ G. 652 (Singlemode Fiber)

MAX II-SJAD-DS2-004

MAX-0201 0508 1 0000 004

MAX II-SJAD-DS2-006

MAX-0201 0508 1 0000 006

MAX II-SJAD-DS2-012

MAX-0201 0508 1 0000 012

MAX II-SJAD-DS2-024

MAX-0201 0508 1 0000 024

## Outdoor Direct Burial Cable

4 -72

12.2 ±0.2 mm

|                     |                                   |                           |
|---------------------|-----------------------------------|---------------------------|
| Diameter : 1.7±0.1  | Material : PBT                    | Color : 12 Color Spectrum |
| Diameter : 1.7±0.1  | Material : PE                     | Color : Black             |
| Diameter : 1.8 /1.8 | Material : Phosphating Steel Wire |                           |

|                     |                            |               |
|---------------------|----------------------------|---------------|
| Thickness : 0.9±0.1 | Material : MDPE            | Color : Black |
|                     | Plastic Coated Steel Strip |               |
| Thickness : 1.6±0.1 | Material : MDPE            | Color : Black |
|                     | Yellow                     |               |
|                     | 152                        |               |

Static : 12.5 \* D Dynamic : 25 \* D

Load: 150N; number of cycles:30

No obvious addition attention, no fiber break and no cable damage.

3000

3000N/100mm

Impact energy: 450g×1m; radius of hammerhead:12.5mm; number of impact: 5

No obvious addition attention, no fiber break and no cable damage.

Load: 150N; number of cycles:10; twist angle:±180 °

No obvious addition attention, no fiber break and no cable damage.

Installation : -10 to +40 °C

Storage : -20 to +70 °C

✓ G. 655 (NZD Fiber for DWDM application)

MAX II-DJSA-DS2-004

MAX-0201 0508 2 0000 004

MAX II-DJSA-DS2-006

MAX-0201 0508 2 0000 006

MAX II-DJSA-DS2-012

MAX-0201 0508 2 0000 012

MAX II-DJSA-DS2-024

MAX-0201 0508 2 0000 024