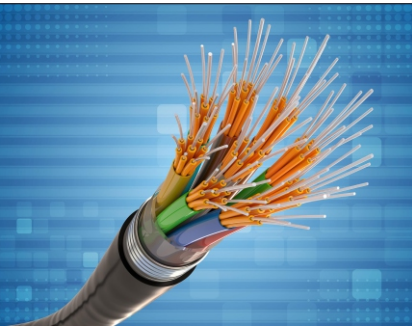


PRODUCT DESCRIPTION

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 ADDS 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)

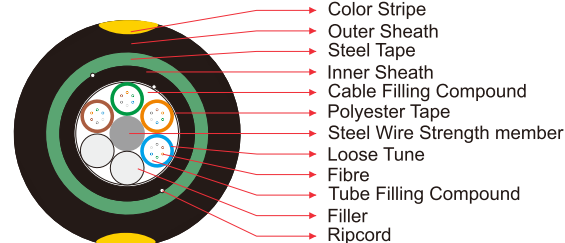
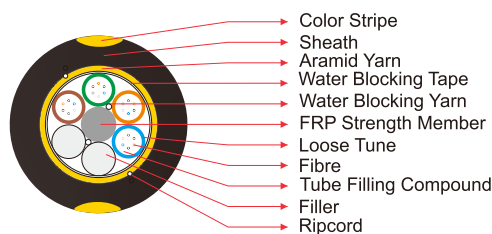
DOUBLE JACKET SINGLE ARMORED DS2 SINGLE MODE CABLES

SINGLE MODE DS2	SINGLE MODE DS2
9.2±0.4 μm	9.2±0.4 μm
10.4±0.8 μm	10.4±0.8 μm
125.0 ± 1 μm	125.0 ± 1 μm
242 ±7 μm	242 ±7 μm
≤ 1260 nm	≤ 1260 nm
≤0.36 Db/km	≤0.36 Db/km
≤0.22 Db/km	≤0.22 Db/km
≥100 kpsi	≥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



Outdoor Duct / Aerial Cable

4 -24
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 : MOPE Color : Black
Yellow
75
Static : 10 * D Dynamic : 20 * D
Load: 150N; number of cycles:25
No damage to outer jacket and inner elements

Outdoor Direct Burial Cable

4 -24
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 : MOPE Color : Black
Plastic Coated Steel Strip
Thickness : 1.6±0.1 Material : MOPE 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.

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

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

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.

Operation : -10 to +70 °C

Installation : -10 to +40 °C

Storage : -20 to +70 °C

✓ G. 652 (Singlemode Fiber)

✓ G. 655 (NZD Fiber for DWDM application)

FULL RANGE OF FIBER TYPE

ORDERING CODE & PART NUMBER*

MAX II-SJAD-DS2-004	MAX-0201 0508 1 0000 004	MAX II-DJSA-DS2-004	MAX-0201 0508 2 0000 004
MAX II-SJAD-DS2-006	MAX-0201 0508 1 0000 006	MAX II-DJSA-DS2-006	MAX-0201 0508 2 0000 006
MAX II-SJAD-DS2-012	MAX-0201 0508 1 0000 012	MAX II-DJSA-DS2-012	MAX-0201 0508 2 0000 012
MAX II-SJAD-DS2-024	MAX-0201 0508 1 0000 024	MAX II-DJSA-DS2-024	MAX-0201 0508 2 0000 024