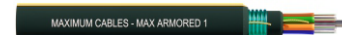
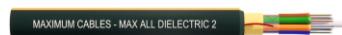




MAX2 OPTICAL SOLUTION

MAX ALL-DIELECTRIC-2

MAX ARMORED-2

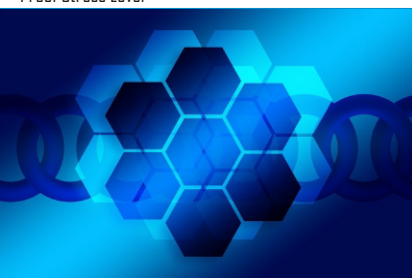


PRODUCT DESCRIPTION

FEATURE/BENEFITS

SPECIFICATIONS

Fiber Diameter	
Attenuation Coefficient	850 nm
	1300 nm
Effective Modal Bandwidth	850 nm
	1300 nm
1 Gigabit Ethernet SX	
Cladding Diameter	
Coating Diameter	
Cable Cut-Off Wavelength	
Proof Stress Level	



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

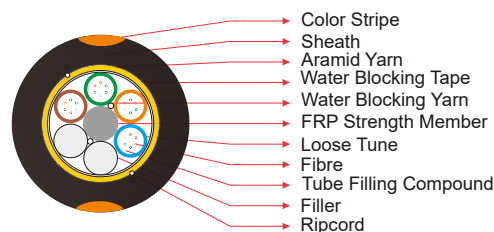
STANDARD

ORDERING CODE & PART NUMBER*

SINGLE JACKET ADSS DM2 MULTI MODE CABLES

- ✓ Fiber Count 6 - 24 up to 144 with strain free fibers in a stranded loose tube design
- ✓ Complies with international or national standard

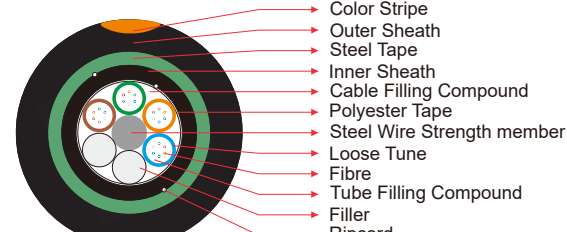
DM2	
50/125 µm	
Typical : 3.0 dB/km	Maximum : 3.5 dB/km
Typical : 1.0 dB/km	Maximum : 1.5 dB/km
≥600 MHz.km	
≥1200 MHz.km	
≤550 m	
125.0 ± 1 µm	
242 ± 7 µm	
≤ 1260 nm	
≥100 kpsi	



DOUBLE JACKET SINGLE ARMORED DM2 MULTI MODE CABLES

- ✓ Most common and widely used design

DM2	
50/125 µm	
Typical : 3.0 dB/km	Maximum : 3.5 dB/km
Typical : 1.0 dB/km	Maximum : 1.5 dB/km
≥600 MHz.km	
≥1200 MHz.km	
≤550	
125.0 ± 1 µm	
242 ± 7 µm	
≤ 1260 nm	
≥100 kpsi	



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
Violet		
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		

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
Violet		
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.		

Operation : -10 to +70 °C

Installation : -10 to +40 °C

Storage : -20 to +70 °C

✓ G. 651 (Multimode Fiber)	✓ Bellcore GR-20-CORE	✓ ISO/IEC11801	✓ ANSI/TIA Cabling Standard 568-2.D	✓ CENELEC EN 50173	✓ IEC60794-1
MAX 2-SJAD-DM2-004	MAX-0401 0508 1 0000 004		MAX 2-DJSA-DM2-004	MAX-0401 0508 2 0000 004	
MAX 2-SJAD-DM2-006	MAX-0401 0508 1 0000 006		MAX 2-DJSA-DM2-006	MAX-0401 0508 2 0000 006	
MAX 2-SJAD-DM2-012	MAX-0401 0508 1 0000 012		MAX 2-DJSA-DM2-012	MAX-0401 0508 2 0000 012	
MAX 2-SJAD-DM2-024	MAX-0401 0508 1 0000 024		MAX 2-DJSA-DM2-024	MAX-0401 0508 2 0000 024	