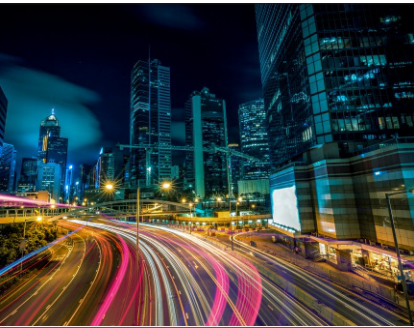


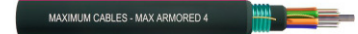
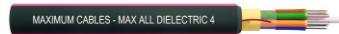


MAX4 OPTICAL SOLUTION



MAX ALL-DIELECTRIC-4

MAX ARMORED-4



PRODUCT DESCRIPTION

FEATURE/BENEFITS

SPECIFICATIONS

Fiber Diameter	
Attenuation Coefficient	850 nm 1300 nm
Effective Modal Bandwidth	850 nm 1300 nm
10 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

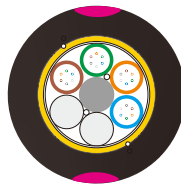
STANDARD

ORDERING CODE & PART NUMBER*

SINGLE JACKET ADSS DM4 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

DM4	
50/125 µm	
Typical : 3.0 dB/km	Maximum : 3.5 dB/km
Typical : 1.1 dB/km	Maximum : 1.5 dB/km
≥3500 MHz.km	
≥500 MHz.km	
≤550 m	
125.0 ± 1 µm	
242 ± 7 µm	
≤ 1260 nm	
≥100 kpsi	

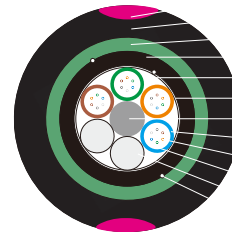


Color Stripe
Sheath
Aramid Yarn
Water Blocking Tape
Water Blocking Yarn
FRP Strength Member
Loose Tune
Fibre
Tube Filling Compound
Filler
Ripcord

DOUBLE JACKET SINGLE ARMORED DM4 MULTI MODE CABLES

- ✓ Most common and widely used design

DM4	
50/125 µm	
Typical : 3.5 dB/km	Maximum : 1.1 dB/km
Typical : 3.5 dB/km	Maximum : 1.1 dB/km
≥3500 MHz.km	
≥500 MHz.km	
≤550	
125.0 ± 1 µm	
242 ± 7 µm	
≤ 1260 nm	
≥100 kpsi	



Color Stripe
Outer Sheath
Steel Tape
Inner Sheath
Cable Filling Compound
Polyester Tape
Steel Wire Strength member
Loose Tune
Fibre
Tube Filling Compound
Filler
Ripcord

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 4-SJAD-DM4-004	MAX-0601 0508 1 1600 004		MAX II-DJSA-DM4-004	MAX-0601 0508 2 1615 004	
MAX 4-SJAD-DM4-006	MAX-0601 0508 1 1600 006		MAX II-DJSA-DM4-006	MAX-0601 0508 2 1615 006	
MAX 4-SJAD-DM4-012	MAX-0601 0508 1 1600 012		MAX II-DJSA-DM4-012	MAX-0601 0508 2 1615 012	
MAX 4-SJAD-DM4-024	MAX-0601 0508 1 1600 024		MAX II-DJSA-DM4-024	MAX-0601 0508 2 1615 024	



www.maximum-cables.com