



**WP9W242T**

Interlocked Armor Distribution Cable - 24 Fiber OS2 OFCP  
 Audio, Video and Data

**Construction & Dimensions**

CONSTRUCTION & DIMENSIONS	
CONDUCTOR PARAMETER	-
• Number Of Fibers	24
• Fiber Optic Size	8/125
• OM Fiber Optic Rating	OS2 Single Mode
INSULATION PARAMETER	-
• Insulation Type	Thermoplastic
• Buffer Size	900 m
• Insulation Color Code	1.Blue,2.Orange,3.Green,4.Brown,5.Slate,6.White,7.Red,8.Black,9.Yellow,10.Violet,11.Rose,12.Aqua -(13-24 Add Black Strip)
SHIELDING PARAMETER	-
• Fiber Optic Design	Indoor/Outdoor Plenum Direct Burial
• Armor Type	Interlocked Aluminum
• Flooding Compound	Yes

**Overall Construction**

OVERALL CONSTRUCTION PARAMETERS	
Jacket Type	UV Resistant Polyolein
Nominal Cable O.D.	.506
Plenum	Yes
NEC UL Rating	OFCP
RoHS Compliant	Yes
TIA Test	TIA455-82 Water Penetration Test, MEETS ICEA S-104-696 TEST CRITERI (CORE CABLE ONLY)
Pull Tension	300 lbs
Bend Radius / Bend Radius Short Term	9.5 in / 12.6 in
Cable Weight	151 lbs

**Overall Electrical & Optical Characteristics**

OVERALL ELECTRICAL/OPTICAL CHARACTERISTICS	
UL Flammability	NFPA 262
CSA Flammability	FT6
Operating Range	-40°C To +70°C
Operating Wavelength	1310/1550 nm
Min. OFL Bandwidth	Unlimited MHz.km
Max. Attenuation	.80/.50 dB/km