



GENERAL DESCRIPTION:

THIS CABLE CONTAINS TWO DISPERSION UNSHIFTED SINGLE-MODE FIBERS. EACH FIBER IS BUFFERED WITH PVC AND IS COVERED WITH ARAMID YARN AND A YELLOW FLAME RETARDANT PVC JACKET. (UL) TYPE OFNR.

CABLE – SPECIFICATIONS

1. OPTICAL FIBERS

NUMBER OF FIBERS: 2
 FIBER TYPE: DISPERSION UNSHIFTED, SINGLE-MODE
 MODE FIELD: @ 1310NM: 9.2 +/- 0.4 MICRONS
 @ 1550NM: 10.5 +/- MICRONS
 CLAD DIAMETER: 125 +/- 1 MICRONS
 PRIMARY COATING DIAMETER: 245 +/- 15 MICRONS
 PRIMARY COATING MATERIAL: ACRYLATE
 SECONDARY COATING DIAMETER: 900 +/- 50 MICRONS
 SECONDARY COATING MATERIAL: PVC, BLUE & YELLOW
 ATTENUATION @ 1310NM: 0.5 DB/KM MAXIMUM
 @ 1550NM: 0.5 DB/KM MAXIMUM
 DISPERSION @ 1310NM: 2.8 PS/NM*KM MAXIMUM
 @ 1550NM: 18 PS/NM*KM MAXIMUM
 CUTOFF WAVELENGTH: 1260NM MAXIMUM
 ZERO DISPERSION WAVELENGTH: 1310 +/- 10NM
 PROOF TEST: 100 KPSI

2. CABLE CONSTRUCTION - DIMENSIONS

STRENGTH MEMBER: HIGH MODULUS ARAMID YARN
 OUTER JACKET DIAMETER: .071" X .157" (1.8MM X 4.0MM)
 OUTER JACKET MATERIAL: PVC, YELLOW

3. PHYSICAL PROPERTIES

WEIGHT: 11.5 LBS/M FT.
 MAXIMUM LOAD FOR INSTALLATION: 212 LBS
 MAXIMUM LOAD FOR LONG TERM APPLICATION: 70 LBS
 MINIMUM BEND RADIUS FOR INSTALLATION: 2"
 MINIMUM BEND RADIUS FOR LONG TERM APPLICATION: 1"
 OPERATING TEMPERATURE RANGE: -4 TO +167 DEG F
 (-20 TO +75 DEG C)
 STORAGE TEMPERATURE RANGE: -40 TO +167 DEG F
 (-40 TO +75 DEG C)
 FLAME RETARDANCE: OFNR



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