

GYFXTS Outdoor Aramid Yarn 8C

GYFXTS outdoor aramid yarn MDPE Jacket 8C/12C/24C Single Mode,3km/drum



Detailed

| Geometric Characteristics               |                                           |
|-----------------------------------------|-------------------------------------------|
| Cladding Diameter μm                    | 125.0±1                                   |
| Cladding Non-circularity%               | ≤1.0                                      |
| Coating Diameter μm                     | 245±10                                    |
| Coating/Cladding Concentricity error μm | ≤12.5                                     |
| Coating Non-circularity %               | ≤6                                        |
| Core/Cladding Concentricity Error μm    | ≤0.6                                      |
| Warpage                                 | ≥4m                                       |
| Optical Characteristics                 |                                           |
| Mode Field Diameter                     | 1310nm - 9.2±0.6μm<br>1550nm - 10.4±0.6μm |
| Attenuation dB/km                       | 1310nm - ≤0.36<br>1550nm - ≤0.22          |
| Attenuation Discontinuity               | 1310nm - ≤0.05<br>1550nm - ≤0.05          |
| PMD                                     | ≤0.2ps/(km <sup>1/2</sup> )               |
| PMDq                                    | ≤0.1ps/(km <sup>1/2</sup> )               |
| Zero-dispersion Wavelength nm           | 1312±12                                   |

|                       |                   |
|-----------------------|-------------------|
| Zero-dispersion Slope | ≤0.091ps/(nm2.km) |
| Cutoff wavelength nm  | ≤1260             |

Fiber Optic Cable Structure Dimensions

| Core Counts | Bundle Tube mm | Cores per Tube | Strength Member | Reference Outer Diameter mm | Reference Weight kg/km |
|-------------|----------------|----------------|-----------------|-----------------------------|------------------------|
| 8           | 2.8±0.2        | 8              | Glass Yarn      | 7.5±0.3                     | 57±15%                 |
| 12          | 2.8±0.2        | 12             | Glass Yarn      | 7.5±0.3                     | 57±15%                 |
| 24          | 2.8±0.2        | 24             | Glass Yarn      | 7.5±0.3                     | 57±15%                 |