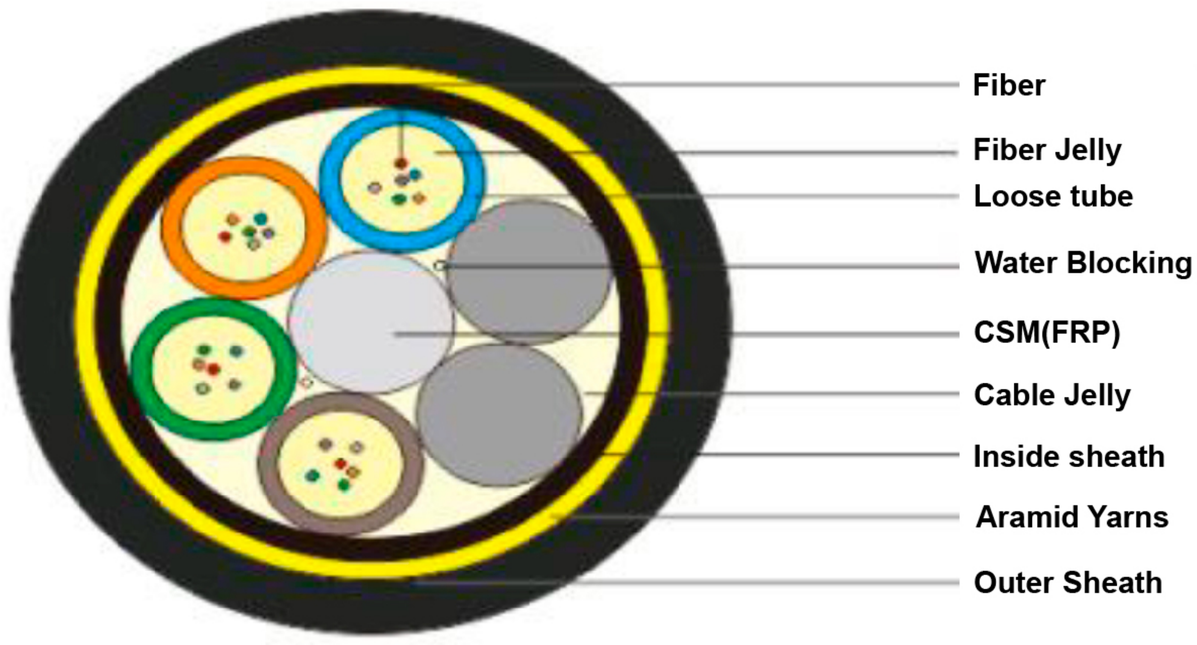
# ADSS 144 CORE DOUBLE JACKET SPAN 200

**Product Type: ADSS 144B1. 3**

Cable Cross Section




**Fiber Parameter**

| NO. | ITEMS | TEST STANDARD | TEST METHOD |
|---|---|---|---|
| 1 | CORE NONCIRCULARITY | ≤ 6% | ITU-T G.652 |
| 2 | CLADDING DIAMETER | 125. 0 ± 0.7 μm | |
| 3 | CORE/CLADDING CONCENTRICITY ERROR | ≤0.6 μm | |
| 4 | CLADDING NONCIRUCULARITY | ≤1.0% | |
| 5 | COATING DIAMETER | 245 ± 10 μm | |
| 6 | COATING/CLADDING CONCENTICITY ERROR | ≤ 12 μm | |
| 7 | ATTENUATION COEFFICIENT | 1310nm≤0.35db/km | |
| | | 1550NM≤0.21db/km | |
| 8 | ZERO DISPERSION SLOPE | ≤ 0.092ps/(nm2·km) | |
| 9 | ZERO DISPERSION WAVELENGTH | 1300~1324nm | |
| 10 | POLARIZATION MODE DISPERSION | ≤ 0.20ps/√ km | |
| 11 | MODE FIELD DIAMETER | 1310nm: 9.0±0.4 μm | |
| 12 | CUT -OFF WAVELENGTH | 1170~1330nm 1170~1330nm | |
| 13 | CHROMATIC DISPERSION | 1288~1339nm ≤ 3.4ps (nm·km) | |
| | | 1550nm≤18ps/(nm·km) | |
| | | 1625nm≤22ps/(nm·km) | |

# ADSS 144 CORE DOUBLE JACKET SPAN 200

**Product Type: ADSS 144B1. 3**

Cable Structure Parameter

| NO. | ITEMS | PARAMETER |
|---|---|---|
| 1 | Cable Structure | 1+12 |
| 2 | No. of fiber | 144 |
| 3 | Outer diameter of loose tube (±0.05mm) | 2.5 mm |
| 4 | No. of fiber per tube | 12 |
| 5 | Central strength member | FRP |
| 6 | Outer diameter of reinforcement | 2.8 mm |
| 7 | Water blocking material | Water blocking tape/yarn |
| 8 | Core filling material | Aramid yarn |
| 9 | Thickness of outer sheath | 1.7 mm |
| 10 | Cable diameter | 17.8 mm |
| 11 | Cable weight（±5% kg/km） | 233 kg/km |

Cable Performance

| NO. | ITEMS | PARAMETER | TEST METHOD |
|---|---|---|---|
| 1 | Short term load | 13700N | IEC 60794-3 |
| 2 | Long term load | 5500N | |
| 3 | Short term crush | 1000N | |
| 4 | Long term crush | 2000N | |
| 5 | Fiber strain under short term load | ≤0.15% | |
| 6 | Minimum statics bending radius | 20times cable diameter | |
| 7 | Minimum dynamic bending radius | 20times cable diameter | |
| 8 | Installing temperature | -50° to 70° | |
| 9 | Operating temperature | -30° to 60° | |

COMCAST GROUP

For More Information
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