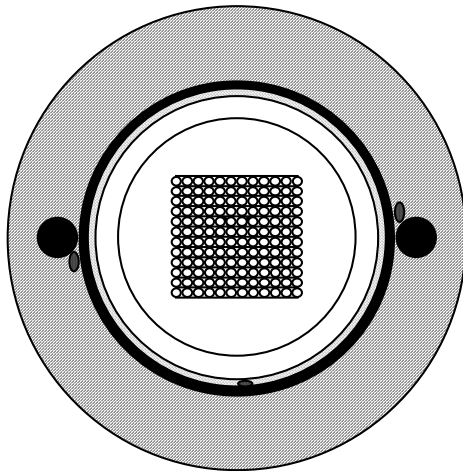




Optical Fiber Cable

A-D(SR)(Z)2Y 18X12 TWRS AccuRibbon® Fiber Cable



Application

Optical fiber cable for duct and direct buried laying

Design

- HDPE Outer sheath in accordance to ASTM D 1248 Type III, Class C, Category 5
- Wire strength members
- Armor of corrugated electrolytic chrome coated steel (ECCS)
- Ripcords
- Water blocking tape
- Core tube
- AccuRibbon Core

| Fiber Count | Number of Ribbons | Cable outside diameter mm | Cable weight kg/km | Standard-length m | rating N |
|--------------------------------|-------------------|---------------------------|--------------------|-------------------|----------|
| 12 Fiber ribbons 216 | 18 | 18,0 | 300 | 2000/4000/6000 | 2700 |

Identification

| | |
|-----------------------|--|
| Fiber | Each AccuRibbon® in this order: blue, orange, green, brown, slate, white, red, black, yellow, violet, rose, aqua |
| Ribbon | Each AccuRibbon® unit has identifying marks at approximately 150 mm intervals along its length. These marks uniquely identify each AccuRibbon unit within a cable. |
| Sheath | black |
| Sheath Marking | Handset, „LUCENT OPTICAL CABLE“, Month-Year, “NCA—8055-216“, „MFN INTERNATIONAL“ Production Code, Metermarking |



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Mechanical and Environmental Properties

| | | | | |
|----------------------------|------------------|--------|----|--------------------|
| Tensile load rating | | 2700 | | N |
| Bending radius | under no load | 10 x D | | |
| Bending radius | under load | 20 x D | | D = cable diameter |
| Crush | | 440 | | N/cm |
| Temperature ranges | Operation | - 40 | to | + 70 °C |
| | Installation | - 30 | to | + 60 °C |
| | Storage/Shipping | - 40 | to | + 75 °C |

Tests according to related parts of EIA/TIA 455 and IEC 794-1.

The AccuRibbon[®] cable design is suitable for TrueWave[®]-RS-fibers, AllWave[™]-fibers and conventional fibers. Composite designs are available. For optical specifications refer to fiber fact-sheets.