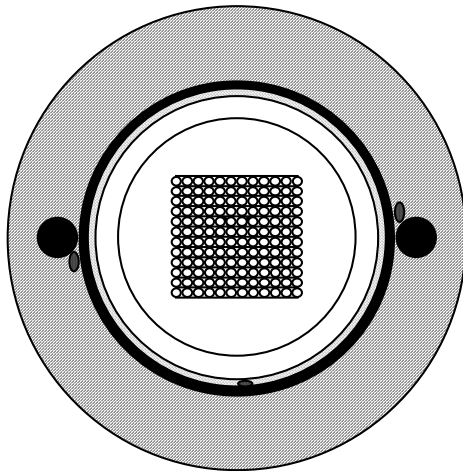




Optical Fiber Cable

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.