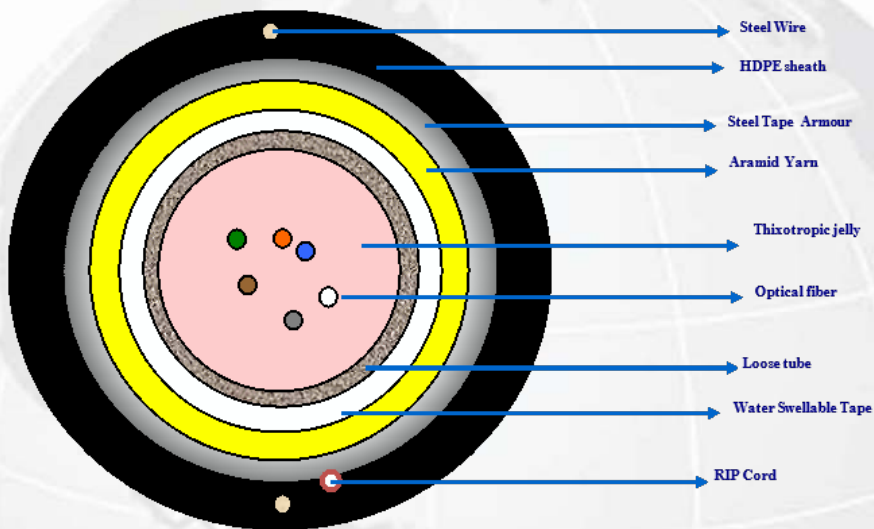


Dax Loose Tube Armored Unitube design Fiber cable



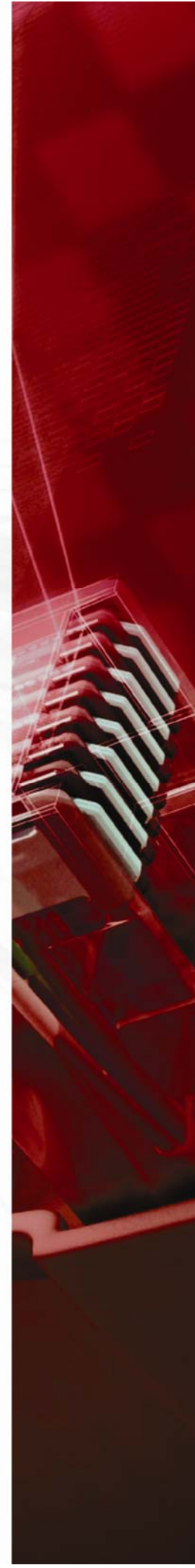
Introduction:

Dax Armored Fiber cable is designed for demanding duct and burial installations, providing outstanding mechanical protection and rodent resistance. Aramid strength yarns give the cable excellent tensile strength to withstand the stresses of cable installation. The armored structure protects fibers from impact and long term environmental changes. Loose tube jelly filled fiber cables retain the fidelity of each light pulse over long distances.

Unitube designs are for low fiber counts, having necessary strength & smaller diameters

Technical specifications:

| Parameter | Specification | |
|------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| Type of cable | Loose Tube jelly filled Unitube design Armored optical Fiber cable | |
| Fiber | Single Mode (ITU-T Rec. G652D) | Multimode (ITU-T Rec. G651) |
| Optical Performances | | |
| Attenuation @850nm | | ≤3.0 dB/Km |
| Attenuation @1310nm | ≤0.38 dB/Km | ≤ 1.0 dB/Km |
| Attenuation @1550nm | ≤ 0.25 dB/Km | |
| Core Diameter | 9/125/250 μm | 62.5/125/250μm (OM1), 50/125/250 μm (OM2), 50/125/250 μm (OM3) |
| Clad Diameter | 125±1.0 μm | 125 ± 2.0 μm |
| Clad non circularity | ≤1.0% | ≤ 2.0 % |
| Core Concentricity Error | ≤0.8 μm | ≤0.6 μm |
| Coating Diameter | 245±10 μm | 245 ± 10 μm |
| Chromatic Dispersion @1285-1330 nm | ≤3.5 ps/nm.km | |
| Chromatic Dispersion @1550 nm | ≤ 18.0 ps/nm.km | |
| Zero Dispersion Wavelength | 1300 ~ 1324 nm | |
| Zero Dispersion Slope | ≤ 0.092 ps/nm ² .km | |
| Cut-off Wavelength | ≤1320nm | |
| Polarization Mode Dispersion | ≤ 0.2 ps/root km | |
| Mode Field Diameter @1310nm | 9.3 ± 0.5 μm | |
| Numerical aperature | | 0.200 ± 0.015 |
| Fiber cable construction | | |
| Fiber Identification | Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Pink & Natural. | |
| No. of fibers | 4/6/12F | |
| Loose Tube | | |
| Loose Tube Material | PBTP | |
| Outer diameter of loose tube | 2.2 mm (nominal) | |
| Loose tube gel | Thixotropic gel | |
| Moisture Barrier | Single layer of Water swellable tape applied longitudinally | |





Go Placidly

| | |
|------------------------------------------------|------------------------|
| Armoring | |
| Type | Corrugated steel Tape |
| Jacketing | |
| Material | HDPE |
| Colour | Black |
| Outer Sheath Thickness | 1.8 mm Nominal |
| Outer Diameter | 9.0 +/- 0.8 mm nominal |
| Strength Members | |
| Type (Outer jacket) | 2# Steel wire RODs |
| Type (Peripheral) | Aramid Yarn |
| Mechanical and Environmental parameters | |
| Max Tensile Strength | 2000 Newton |
| Crush Resistance | 4000 Newton/10 cm |
| Minimum Bending radius | 20xDiameter |
| Operating Temperature | -30°C to 70°C |

Ordering Information:

Dax Dx-S10041: Dax Campus Fiber Cable, Loose Tube Single mode 9 / 125 micron, 4 Fiber, Armored - Uni-Tube Design

Dax Dx-S10061: Dax Campus Fiber Cable, Loose Tube Single mode 9 / 125 micron, 6 Fiber, Armored - Uni-Tube Design

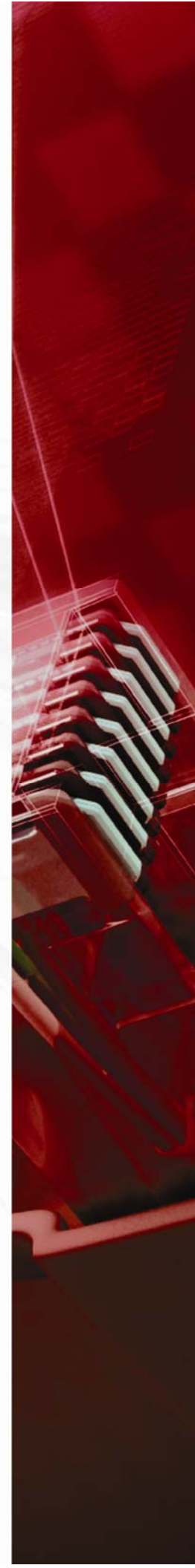
Dax DX-S10121: Dax Campus Fiber Cable, Loose Tube Single mode 9 / 125 micron, 12 Fiber, Armored - Uni-Tube Design

Dax DX-N10041: Dax Campus Fiber, Loose Tube, Multimode 50/125 micron, 4 Fiber, Armored Fiber Cable - Uni-Tube Design

Dax DX-N10061: Dax Campus Fiber, Loose Tube, Multimode 50/125 micron, 6 Fiber, Armored Fiber Cable - Uni-Tube Design

Dax Dx-N10121: Dax Campus Fiber, Loose Tube, Multimode 50/125 micron, 12 Fiber, Armored Fiber Cable - Uni-Tube Design

Dax DX-N10061+: Dax Campus Fiber, Loose Tube, Multimode 50/125 micron, OM3, 6 Fiber, Armored Fiber Cable - Uni-Tube Design



Dax Dx-N10121+: Dax Campus Fiber, Loose Tube, Multimode 50/125 micron, OM3, 12 Fiber, Armored Fiber Cable - Uni-Tube Design

Dax DX-M10061: Dax Campus Fiber, Loose Tube, Multimode 62.5/125 micron, 6 Fiber, Armored Fiber Cable - Uni-Tube Design

Dax DX-M10121: Dax Campus Fiber, Loose Tube, Multimode 62.5/125 micron, 12 Fiber, Armored Fiber Cable - Uni-Tube Design

Dax Fiber cable is brought to you by Dax (An Apcom Company) one of India's most renowned, technically qualified Data/ Voice Networking vendor. Dax offers an India-Centric, diverse product range which conforms to the highest world standards and meets the "edge to core" networking technology needs of all verticals. Dax is probably the most respected independent OEM supplier in India.

In the last 25 years, Dax has made wide country inroads through its Enterprise networking partners and national ADSPs. Dax is synonymous with high business ethics, consistent quality, optimized performance and support- commitment to Indian customers which supersedes MNC standards. Dax continues to synergistically work with Indian Customers to design products and networking solutions.

Today, Dax is the one of the Top Networking companies in India. We have achieved this status by a combination of relentless single-minded focus on cutting edge Networking technologies and a proud dedication (since 1986), to true professionalism.

Other Dax Offerings:



| | | |
|------------------|-----------------------------|--------------------------------------|
| ACCESS | CONNECTIVITY | Dax Networks Limited |
| Routers | Switches | No 11, 2 nd Cross Street, |
| Wireless | Cabling | Karpagam Gardens |
| LAN Extenders | Network Attached Storage | Adyar, Chennai – 600020 |
| Modems | IP Surveillance | Ph: 044- 4292 3558 |
| | | Fax: 044-4292 3567 |
| | | Toll Free: 1800-4255-DAX |
| | | Email: help@dax.in |
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