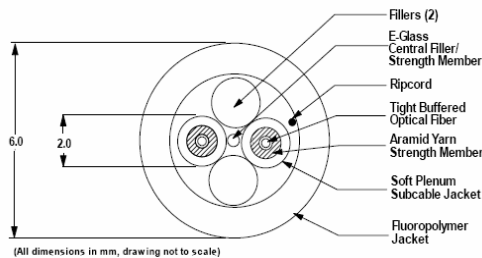


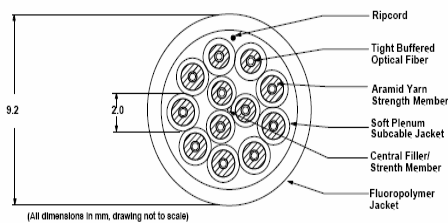
FiberTechniques Inc Breakout cable UL rated Plenum

Breakout plenum rated cable is available as 2 - 72 fiber cable with up to 24 fiber usually available from stock. Cable can be custom manufactured with custom jacket color, print, or as hybrid cables that have more than one fiber type or copper pairs. This cable is ideal for plug and play assemblies made to the customer's specifications. Such assemblies include protective sleeves or boots on both ends of the cable and metal pulling grips where required due to length or weight of the cable. Any simplex or duplex-able connector can be installed on this cable. The 2.0mm color-coded subunits are easy to configure at the installation site and providing added mechanical strength and environmental protection to the 900um buffered fiber. The outer jacket meets US UL OFNP and C UL FT6 applicable for use in ducts, air-handling systems and plenums. The cable jacket is indoor/outdoor rated and UV, water and fungus resistant.

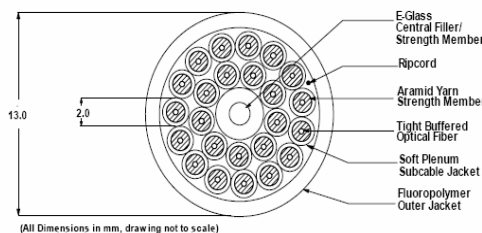
Shown below are several examples of this cable type, three of the most commonly used, 2 fiber, 12 fiber, and 24 fiber. Fiber characteristics are shown on the Fiber Specification sheet. Cables are available with any fiber type.



Cable Weight	34 kg/km
Cable Diameter	6.0 mm
INSTALLATION:	
MAX. TENSILE LOAD	1600 N
MIN. BEND RADIUS	9.0 cm
OPERATING:	
MAX. TENSILE LOAD	400 N
MIN. BEND RADIUS	9.0 cm
IMPACT RESISTANCE	
CRUSH RESISTANCE	2100 N/cm
OPERATING TEMPERATURE	
STORAGE TEMPERATURE	-40°C to +85°C
FLAME RETARDANCY	UL Listed Type OFNP (910)



Cable Weight	94 kg/km (63 lbs/1000')
Cable Diameter	9.2 mm (0.36 in)
INSTALLATION:	
MAX. TENSILE LOAD	4,800 N ** (1,080 lbs)
MIN. BEND RADIUS	13.9 cm (5.5 in)
OPERATING:	
MAX. TENSILE LOAD	1,200 N (270 lbs)
MIN. BEND RADIUS	13.9 cm (5.5 in)
IMPACT RESISTANCE	
CRUSH RESISTANCE	2100 N/cm
OPERATING TEMPERATURE	
STORAGE TEMPERATURE	-40°C to +85°C
INSTALLATION TEMPERATURE	0°C to +60°C (actual temp of cable)
FLAME RETARDANCY	UL Listed Type OFNP (ANSI/NFPA 262)



Cable Weight	147 kg
Cable Diameter	13.0 mm
INSTALLATION:	
MAX. TENSILE LOAD	7200 N
MIN. BEND RADIUS	19.5 cm
OPERATING:	
MAX. TENSILE LOAD	1800 N
MIN. BEND RADIUS	19.5 cm
IMPACT RESISTANCE	
CRUSH RESISTANCE	2100 N/cm
OPERATING TEMPERATURE	
STORAGE TEMPERATURE	-40°C to +85°C
FLAME RETARDANCY	UL Listed Type OFNP (910)

