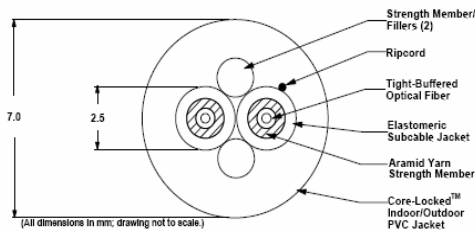




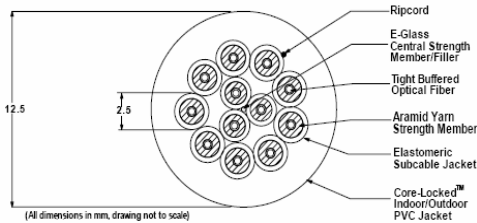
# FiberTechniques Inc Breakout cable UL rated Riser

Breakout riser 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 2.5mm color-coded subunits are easy to configure at the installation site and providing maximum mechanical strength and environmental protection. The rugged outer jacket is UV, water, and fungal resistant and meets UL Riser rating certified (flame retardancy 1666).

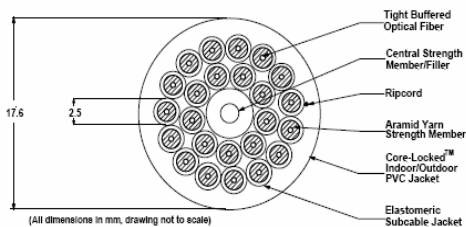
Shown below are several examples of this cable type, three of the most commonly used, 2 fiber, 12 fiber, and 24 fiber. Fiber characteristics are shown on the Fiber Specification sheet. Cables are available with any fiber type.



Cable Weight	41 kg/km (28 lbs/1000')
Cable Diameter	7.0 mm (0.28 in)
<b>INSTALLATION:</b>	
MAX. TENSILE LOAD	1,200 N (270 lbs)
MIN. BEND RADIUS	10.5 cm (4.1 in)
<b>OPERATING:</b>	
MAX. TENSILE LOAD	500 N (110 lbs)
MIN. BEND RADIUS	7.0 cm (2.8 in)
<b>IMPACT RESISTANCE</b>	
CRUSH RESISTANCE	1500 Impacts 2200 N/cm
<b>OPERATING TEMPERATURE</b>	
STORAGE TEMPERATURE	-40°C to +85°C
INSTALLATION TEMPERATURE	-55°C to +85°C
FLAME RETARDANCY	-10°C to +60°C (actual temperature of cable) U.L. Listed Type OFNR (1666)



Cable Weight	150 kg
Cable Diameter	12.5 mm
<b>INSTALLATION:</b>	
MAX. TENSILE LOAD	6000 N
MIN. BEND RADIUS	18.75 cm
<b>OPERATING:</b>	
MAX. TENSILE LOAD	2500 N
MIN. BEND RADIUS	12.5 cm
<b>IMPACT RESISTANCE</b>	
CRUSH RESISTANCE	1500 Impacts 2200 N/cm
<b>OPERATING TEMPERATURE</b>	
STORAGE TEMPERATURE	-40°C to +85°C
FLAME RETARDANCY	-55°C to +85°C UL Listed Type OFNR (1666)



Cable Weight	279 kg/km (188 lbs/1000')
Cable Diameter	17.6 mm (0.69 in)
<b>INSTALLATION:</b>	
MAX. TENSILE LOAD	10,000 N ** (2,250 lbs)
MIN. BEND RADIUS	26.4 cm (10.4 in)
<b>OPERATING:</b>	
MAX. TENSILE LOAD	3,800 N (850 lbs)
MIN. BEND RADIUS	17.6 cm (6.9 in)
<b>IMPACT RESISTANCE</b>	
CRUSH RESISTANCE	1500 impacts 2200 N/cm
<b>OPERATING TEMPERATURE</b>	
STORAGE TEMPERATURE	-40°C to +85°C
INSTALLATION TEMPERATURE	-55°C to +85°C
FLAME RETARDANCY	-10°C to +60°C (actual temperature of cable) U.L. Listed Type OFNR (1666)

\*\* INSTALLATION LOADS IN EXCESS OF 2,700N (600 LBS) ARE NOT RECOMMENDED.

