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## “Premises Cable Maximum Tensile Rating”

### Application Note AN-983

Below are the maximum tensile ratings for standard OFS premises cables.

#### ACCUMAX® Distribution Cable

Fiber Count	Maximum Installation Load
<b>Single Tube</b>	
2 - 12	300 lb (1334 N)
18 & 24 (Riser)	300 lb (1334 N)
18 & 24 (Plenum)	150 lb (660 N)
<b>Multi Tube</b>	
18 - 36	500 lb (2224 N)
48 - 144	600 lb (2700 N)

#### Minicord® Breakout Cable

Fiber Count	Maximum Installation Load
2 - 4	150 lb (667 N)
6	200 lb (890 N)
8	300 lb (1334 N)
12	400 lb (1779 N)
18 - 36	500 lb (2224 N)
48 - 72	600 lb (2700 N)

**Notes:**

Tensile rating = Maximum installation load  
Per GR-409 standards, rated load during service = 30% of installation load.

### AccuDry® Indoor/Outdoor Distribution Cable

Fiber Count	Maximum Installation Load
2 - 12	300 lb (1334 N)

### AccuFlex™ + Round Ribbon Cable

Fiber Count	Maximum Installation Load
12 – 144	300 lb (1330 N)

### AccuRibbon™ Flat Ribbon Cordage

Fiber Count	Maximum Installation Load
4 - 24	50 lb (220 N)

### MiniPack™ Interconnect Cordage

Fiber Count	Maximum Installation Load
4, 6, 8, 12, 24 & 48 Fibers	22 lb (100 N)

### AccuPack® Distribution Cable

Fiber Count	Maximum Installation Load
2, 4, 6, 8, 12 Fibers	100 lb (440 N)

**Notes:**

Tensile rating = Maximum installation load

Per GR-409 standards, rated load during service = 30% of installation load.

## Interconnect Cordage

<b>Cordage Type</b>	<b>Maximum Installation Load</b>
1.6mm Simplex Cordage	30 lb (130 N)
1.6mm Duplex Zipcord Cordage	60 lb (260 N)
2.0mm Simplex Cordage	30 lb (130 N)
2.0mm Duplex Zipcord Cordage	60lb (260 N)
2.4mm Round Duplex Cable	22 lb (100 N)
3.0mm Simplex Cordage	60 lb (260 N)
3.0mm Duplex Zipcord Cordage	120 lb (520 N)
3.0mm Duplex Overjacketed Breakout Cordage	120 lb (520 N)
3.2mm Round Duplex Cordage	50 lb (220 N)
4.0mm Simplex Cordage	100 lb (444 N)
4.8mm Simplex Cordage	100 lb (444 N)

**Notes:**

Tensile rating = Maximum installation load

Per GR-409 standards, rated load during service = 30% of installation load.