

## Breakout (Heavy Duty) Optical Fiber / Part No.: OF-803025

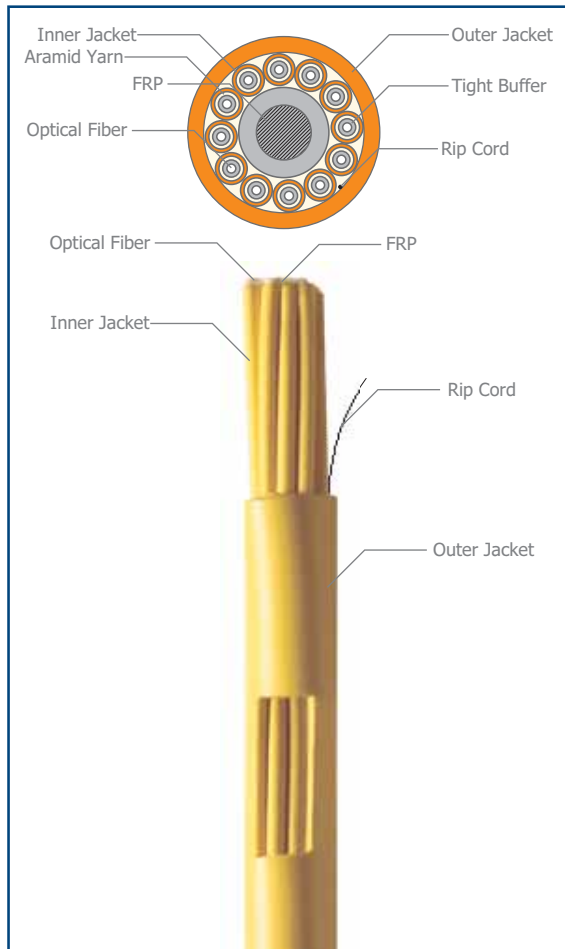
### Description

- **Product Standard Certification:**
  - UL/cUL listed OFNR/FT4
- **Reference Standard:**
  - Bellcore GR-409-CORE, TIA/EIA-568-B.3
- **Packaging:**
  - Reel

### Application

- Available with singlemode & multimode 50/125, 62.5/125µm fibers
- Available up to 12 fibers for both light and heavy duties
- Quick termination to connectors
- Color-code tight buffering for easy handling
- UL & cUL listed; OFNR/FT4 for riser intra-building horizontal cabling

### Product Figure



### Physical Characteristics

<b>Part Number</b>		OF-803025
<b>Product Name</b>		12C Breakout (Heavy duty)
<b>Structure</b>	<b>Fiber Count</b>	12
<b>Strength Member</b>	<b>Material</b>	Aramid Yarn + FRP
<b>Outer Jacket</b>	<b>Material</b>	PVC or LSZH
	<b>Overall Nominal Diameter (mm)</b>	14.7
<b>Mechanical Characteristics</b>	<b>Operating Temperature Range</b>	75°C
	<b>Bulk Cable Weight</b>	219
	<b>Max. Recommended Pulling Tension (Short/Long Term) (N)</b>	4800 / 1200
	<b>Min. Bend Radius (Short/Long Term) (mm)</b>	220 / 147
<b>Flame test</b>	<b>UL Flame Test (PVC Jacket)</b>	OFNR / FT4

\* Custom configuration is available upon request.

### Optical Performance

	Singlemode	Multimode 50/125µm	Multimode 62.5/125µm
Wavelength (nm)	1310 / 1550	850 / 1300	850 / 1300
Max. Attenuation (dB/km)	0.4 / 0.3	3.5 / 1.5	3.5 / 1.5
Min. Modal Bandwidth (MHz.km)	-	500 / 500	200 / 500



### Linkz International Limited

6/F, Photonics Centre, 2 Science Park East Avenue, Hong Kong Science Park, Shatin, Hong Kong.  
 Tel: (852) 2425 4399 Fax: (852) 2418 1627 Email: sales@linkzindustries.com Website: http://www.linkzindustries.com

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