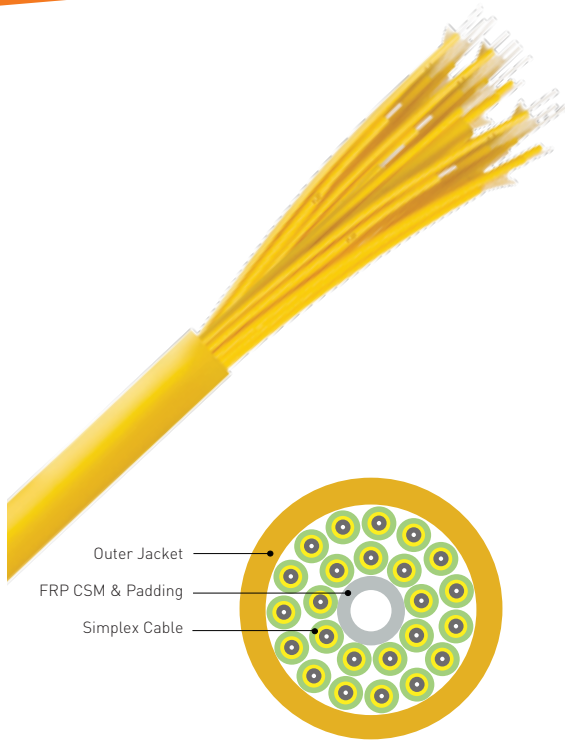


BREAK OUT FIBER OPTIC CABLE



The FIBER-REX break out fiber optic cable contains 24 OM1, OM2, OM3, OM4 multimode or OS1/OS2 (ITU-TG.652D), ITU-T G.657A1 singlemode fibers in 2.0 mm Low Smoke Zero Halogen (LSZH) or PVC coated simplex cables. Each simplex cable contains a 900µm tight secondary buffered optical fiber with longitudinally applied aramid non-metallic strength members. The individually numbered simplex subunits are helically stranded in two layers around a LSZH or PVC jacketed

Fiber Reinforced Plastic (FRP) non-metallic central strength member; all simplex cables are bound in polyester wrapping tape and a LSZH or PVC final jacket.

★ Features

- Choice of fiber type
- Individual aramid yarn strength members
- Easy to use
- Lightweight and compact
- Choice of outer sheath material
- Choice of outer sheath color
- Customized jacket print legend

✔ Applications

- Internal break out cable for horizontal distribution
- Indoor application

🛒 Options

- Bend insensitive fibers G657A/B
- OM4 fibers 10 Gigs at 550 meters
- Any color of cable jacket
- Printing on cable
- OFNP plenum jacket

⚙️ Technical Specification

Parameter	UOM	Value				
		4	6	8	12	24
Fiber core		4	6	8	12	24
Outer diameter	mm	7.5±0.5	9.0±0.5	10.5±0.5	12.5±0.5	15.5±0.5
Insertion loss	dB/km	SM: <0.4@1310nm, <0.3@1550nm MM: <3.5@850nm, <1.5@1300nm				
Long term tensile strength	N	200	200	250	400	400
Short term tensile strength	N	660	700	800	1200	1200
Long term crush resistance	N	300				
Short term crush resistance	N	1000				
Storage temperature	°C	-20~+60				
Operating temperature	°C	-20~+60				
Cable weight	kg/km	51	68	88	128	198
Reel dimension (2km/reel)	WxDia. (mm)	550x850			800x1100	800x1300
Reel weight	kg	30	30	30	40	60

🛒 Ordering Information

BO					
Cable Type	Fiber Core	Fiber Type	Outer Sheath Material	Outer Sheath Color	Length
BO=Breakout	4 6 8 12 24	SM=OS1/OS2 M1=OM1 M2=OM2 M3=OM3 M4=OM4 A1=G657A1 A2=G657A2	LZ=LSZH PV=PVC	OR=Orange PR=Purple YE=Yellow BL=Blue AQ=Aqua GR=Green	1=1KM 2=2KM 4=4KM