

# BREAKOUT (CABLE)

Product sheet  
Breakout cable

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## APPLICATION

Low-smoke cable suitable for indoor and outdoor applications requiring a rugged cable where mechanical and environmental protection are necessary

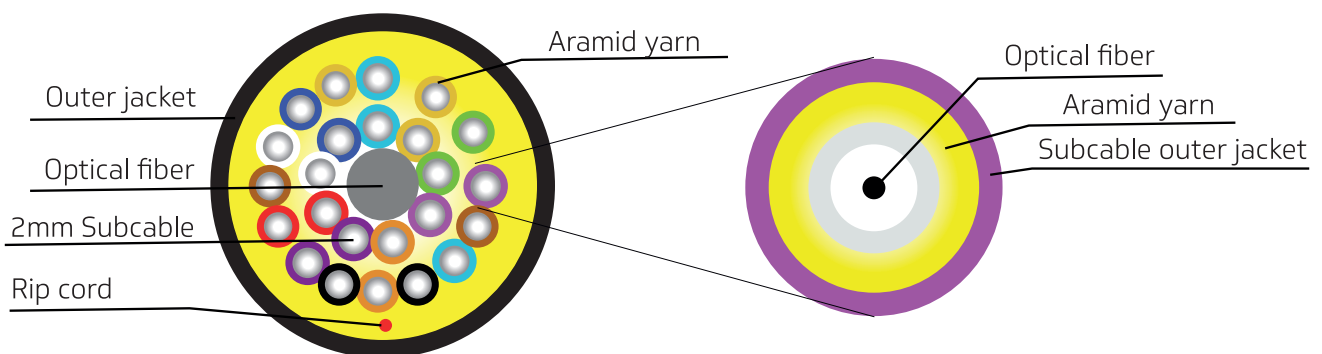
Easiest cable to install where direct termination of the subcable to a connector and a direct run to panels and equipment are desired

## FEATURES

- Meets low-smoke requirements of IEC 61034-2 and UL 1685 OFNR-LS
- Flame-retardant to the requirements of IEC 60332-3-24 and UL 1666 OFNR
- Suitable for indoor or outdoor applications
- Jacket is UV, fungus and moisture resistant
- Round cable construction for easy handling and termination
- Breakout style cable with 2 to 24 fibers
- 2.0mm and 2.5mm subcables (2.9mm also available)

Suitable for indoor/outdoor confined spaces including:

- Building risers
- Cable trays
- Central offices
- Mass-transit rail systems
- Nuclear plants
- Underground subway stations and tunnels



## FOR MORE INFORMATION

Check [www.micropol.com](http://www.micropol.com) or call us on +46 (0)35 260 72 18.



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## CHARACTERISTICS (INDOOR/OUTDOOR)

Operating Temperature	-40 °C to +70 °C
Storage Temperature	-40 °C to +70 °C
Installation Temperature (cable temp.)	-20 °C to +60 °C
Crush Resistance	2200 N/cm
Impact Resistance	1500 impacts
Flex Resistance	2000 cycles

*These specifications are subject to change without prior notification.*

## STANDARDS

OCC indoor/outdoor tight-buffered LSZH fiber optic cables meet the functional requirements of the following standards:

UL 1651	UL 1666	UL 1685
IEC 60332-3-24	IEC 61034-2	TIA-598

## SPECIFICATIONS

All Micropol cables are ordered in Part Number spec. of -SM, -OM1, -OM2 or -OM3.

Fiber Count	Part Number	Dia. mm	Weight kg/km	Tensile Load		Minimum Bend Radius	
				Installation N	Operational N	Installation cm	Operational cm
2	BO-002-(spec)	6.5	59.0	2000	800	9.8	6.5
4	BO-004-(spec)	7.2	84.0	2000	800	10.8	7.2
6	BO-006-(spec)	8.2	107.0	3000	1200	12.0	8.0
8	BO-008-(spec)	10.0	144.0	4000	1700	15.0	10.0
12	BO-012-(spec)	11.7	171.0	6000	2500	17.5	11.7
14	BO-014-(spec)	15.0	290.0	10000	3800	22.5	15.0

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