

## Bare ribbon cable – 12 fibers

### Basic characteristic

- ▲ Applicable for telecommunications, data networking
- ▲ Suitable for On Board Optics applications
- ▲ Available in peelable and non-peelable structure



### Colour coding

- ▲ Colour code fibers (1-12): red, green, blue, yellow, white, grey, brown, violet, turquoise, black, orange, pink

### Cable parameters

Jacket material		N/A
Cable construction		Bare ribbon
Weight		4 kg/km
Fiber type	SM:	OS2
	MM:	OM1
		OM3
Temperature range	operation:	-20°C to +70°C
	storage:	-20°C to +70°C
	installation:	0°C to +70°C

### Mechanical characteristics

Dimensions (max)	height:	0,34 mm
	width:	3,22 mm
Minimum bend radius	tension:	30 mm

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### Fiber type – OS2

Max attenuation (dB/km)	1310nm	0,5
	1550nm	0,5
1 Gigabit ethernet min link distance (m)	1300nm	5000
10 Gigabit ethernet min link distance (m)	1300nm	10000

### Fiber type – OM1

Max attenuation (dB/km)	850nm	3,5
	1300nm	1,2
Overfilled launch bandwidth (MHz-km)	850nm	200
	1300nm	600
1 Gigabit ethernet min link distance (m)	850nm	300
	1300nm	550
10 Gigabit ethernet min link distance (m)	850nm	32

### Fiber type – OM3

Max attenuation (dB/km)	850nm	3,0
	1300nm	1,2
Overfilled launch bandwidth (MHz-km)	850nm	1500
	1300nm	500
EMBc (MHz-km)		2000
1 Gigabit ethernet min link distance (m)	850nm	1000
	1300nm	550
10 Gigabit ethernet min link distance (m)	850nm	300

Ordering code	Structure	Jacket colour
BRPC-12-OS2-X.X-XX	Peelable	N/A
BRNC-12-OS2-X.X-XX	Non-peelable	N/A
BRPC-12-OM1-X.X-XX	Peelable	N/A
BRNC-12-OM1-X.X-XX	Non-peelable	N/A
BRPC-12-OM3-X.X-XX	Peelable	N/A
BRNC-12-OM3-X.X-XX	Non-peelable	N/A

\* Specifications are subject to change without notice

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