

# Duct - Microbundle cables

## MICROBUNDLE RSM CABLE 24X12SM SP1842 (OR)

This ruggedized cable is used for Access, Distribution, City Network and FTTx applications. It is designed to be quickly installed by pulling, blowing and in aerial network.

### Characteristics & Applications

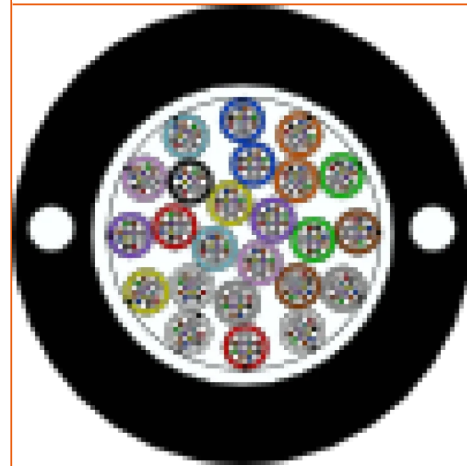
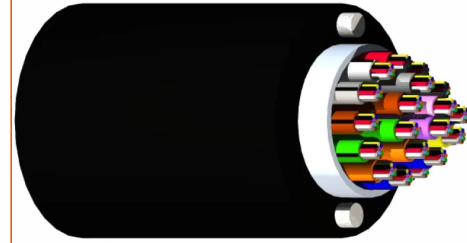
- Ruggedized cable design
- Easy installation with mid span access possibility
- Easy micro bundle stripability
- Glass yarns and radial strength members reinforcement
- All dielectric design
- Waterproof structure

### Construction

- Jelly filled microbundles containing coloured fibres
- Radial FRP strength members
- Glass yarns reinforcement
- HDPE outer sheath

### Fibre Colour Table following ORANGE spec

	tube 1	tube 2	tube 3	tube 4	tube 5	tube 6	tube 7	tube 8	tube 9	tube 10	tube 11	tube 12
	RD+1	BU+1	GN+1	YE+1	PU+1	WT+1	OR+1	GY+1	BN+1	Light GR+1	TQ+1	PK+1
> 12 tubes	tube 13	tube 14	tube 15	tube 16	tube 17	tube 18	tube 19	tube 20	tube 21	tube 22	tube 23	tube 24
	RD+2	BU+2	GN+2	YE+2	PU+2	WT+2	OR+2	GY+2	BN+2	Light GR+2	TQ+2	PK+2
	fibre 1	fibre 2	fibre 3	fibre 4	fibre 5	fibre 6	fibre 7	fibre 8	fibre 9	fibre 10	fibre 11	fibre 12
fibres	RD	BU	GN	YE	PU	WT	OR	GY	BN	BK	TQ	PK



### STANDARDS

EN 187000  
IEC 60794

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# Microbundle RSM cable 24x12SM SP1842 (OR)

## Eigenschaften

### Konstruktionsmerkmale

Fasertyp	SM (G657.A2)
Armierung	Glasgarn
Außenmantel	PE HD
Mantelfarbe	Black - UV
Metallfrei	Yes
Zugentlastungselement	Embedded FRP
Leitungsaufbau	Multibundle

### Abmessungsmerkmale

Anzahl der Bündel	24
Nettogewicht ca.	140 kg/km
Anzahl der optischen Fasern	288
Außendurchmesser, nom.	13.5 mm

### Mechanische Eigenschaften

Zulässige Zugbelastbarkeit	300 daN
Querdruckwiderstand (IEC 794-1-E3)	250 N/cm

### Anwendungsmerkmale

Betriebstemperatur	-30...70 °C
Lagertemperatur, Bereich	-40...70 °C
Art der Installation	Rohranlagen
Umgebungstemperatur bei Verlegung, Bereich	0...40 °C
Biegefaktor bei Verlegung	20 (xD)