

TECHNICAL SPECIFICATION

FIBER OPTIC BREAK OUT CABLE

Romatecsans break out cable comply with Standard YD/T 1258.4-2005, ICEA-596, GR-409, IEC794, etc; and meet the requirements of UL approval for OFNR.



- 1. Tight Buffer Fiber
- 2. Aramid Yarn
- 3. Subunit Jacket
- 4. Outer Jacket
- 5. FRP Member

Items		Specifications				
Fibers		2	4	8	10	12
Colored Coating Fiber	Dimensions	250um ± 15um				
	Material	PVC				
Tight Buffer	Dimensions	900um				
	Material	PVC				
Strength Member	Material	FRP				
Outer Jacket	Dimensions	7.2mm ± 0.5mm	9.4mm ± 0.5mm	10.7mm ± 0.5mm	12.2mm ± 0.5mm	
	Material	LSZH, PE, PVC				
	Color	Yellow				

Mechanical and Environmental Characteristics

Items	Specifications
Tension in Long term (N)	200
Tension in Short term (N)	660
Crush in Long term (N/10cm)	300
Crush in Short term (N/10cm)	1000
Min. Bend Radius Dynamic (mm)	20D
Min. Bend Radius Static (mm)	10D
Installation Temperature (C)	-20 ~ +60
Operating Temperature (C)	-40 ~ +70

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ORDERING INFORMATION

Cable Type		Fibers	Fiber Type		Color		Jacket		Length (KM)
1C	ADSS Cable	1	1	G.651	A	Aqua	L	LSZH	1
2C	Figure 8 non central member	2	2B	G.652B	B	Yellow	P1	PVC	2
3C	Figure 8 with central member	4	2D	G.652D	C	Orange	P2	PE	3
4C	FTTx indoor drop cable	6	3	G.653	D	Black	R	Riser	4
5C	FTTx aerial drop cable	8	4	G.654					5
6C	Break out or fan-out cable	12	5	G.655					
7C	Loose tube cable	16	7A1	G.657A1					
8C	Tight buffered cable	24	7A2	G.657A2					
9C	Loose tube amored cable	32	7B2	G.657B2					
10C	Loose tube amored cable duple jacket	64	7B3	G.657B3					
11C	Non metallic dielectric armored cable	72	M1	OM1					
12C	Simplex cable	96	M2	OM2					
13C	Duplex cable	120	M3	OM3					
14C	Duplex cable with jacket	144	M4	OM4					
15C	Ribbon								

ORDERING INFORMATION EXAMPLE

7C	24	2B	D	P2	5
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Configuration: Loose Tube Cable 24 fibers G.652B Black jacket PE 5KM Drum

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