

TECHNICAL SPECIFICATION

FIBER OPTIC AERIAL ARMORED CABLE

Romatecsans fiber optic aerial armored cables are ideal for outdoor communications in between poles. Our cables are strong, robust and easy for installations out of houses or buildings.



- 1. Filler
- 2. Loose tube
- 3. Colored Coating
- 4. Central Member
- 5. Water-blocking Yarn
- 6. Waterproof Tape
- 7. Band
- 8. PSP
- 9. Outer Jacket
- 10. Ripcords

Items		Specifications
Fibers		24
Colored Coating Fiber	Dimensions	250um ± 15um
Loose tube	Dimensions	1.95mm ± 0.05mm
	Material	PBT
Filler	Dimensions	1.95mm ± 0.05mm
	Material	PP
	Color	Customized
Strength Member	Material	Steel
	Diameter	1.5mm
Outer Jacket	Dimensions	10mm ± 0.3mm
	Material	LDPE
	Color	Black
Maximum span resistance		50 meters

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Mechanical and Environmental Characteristics	
Items	Specifications
Tension in Long term (N)	600
Tension in Short term (N)	1500
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

ORDERING INFORMATION

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

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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