

Simplex Cordage

SAMSUNG Simplex Cordage (**SC-SM**) is designed to meet or exceed all the requirements of today's premise wiring systems. This tight buffer design with Aramid yarn strength

member allows for flexibility and reliability for use in interconnection applications. Other designs are available to meet other required conditions on request.

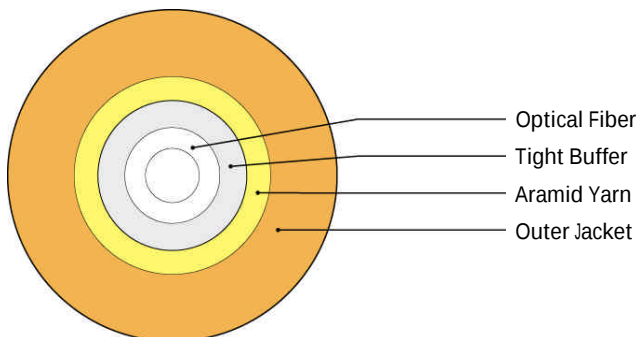


FEATURES / BENEFITS

- Available in single mode and multi-mode fibers
- Highly flexible and light weight for easy handling
- Flame retardant PVC or LSZH outer jacket
- Aramid yarn strength member reinforcement
- Easy stripping for quick splicing
- OFNR-UL 1666 / CSA FT-4 listed
- OFNP-UL 910 / CSA FT-6 listed

APPLICATIONS

- Fiber To The Desk
- Pigtails and Patch Cords
- Dropped Ceiling, Tray, and Conduit Application



Simplex Cordage

CABLE CHARACTERISTICS (SIMPLEX CORDAGE)

Item Number	Diameter		Weight		Tensile Load		Min. Bending Radius		Temperature	
	mm	inch	kg/km	lbs/1,000 ft	(N)		(mm)		(°C)	
					Installing	Operating	Installing	Operating	Installing	Operating
SM-RSA-16	1.6	0.063	2.4	1.75	88	41	50	30	-0 ~ 50	-20 ~ 70
SM-RSA-20	2.0	0.079	3.6	2.56	231	106	50	30	-0 ~ 50	-20 ~ 70
SM-RSA-24	2.4	0.094	5.3	3.76	231	106	50	30	-0 ~ 50	-20 ~ 70
SM-RSA-28	2.8	0.110	6.9	4.92	231	106	50	30	-0 ~ 50	-20 ~ 70
SM-RSA-30	3.0	0.118	8.6	6.12	347	160	50	30	-0 ~ 50	-20 ~ 70

ORDERING INFORMATION

SM – 1 2 3 – **XX** Outer Diameter

1 Flame Retardancy Grade

R : OFNR type **P** : OFNP type **L** : OFN - LS type

2 Fiber Type

S : SMF **M** : MM50/125 **L** : MM62.5/125
N : NZDSF **H** : Hybrid

3 Max. Attenuation

A : 0.40/0.30 dB/km (1310/1550 nm, SMF)
S : 0.45/0.35 dB/km (1310/1550 nm, SMF)
M : 2.5/0.7 dB/km & 500/500 MHz-km (850/1300 nm, MM50/125)
H : 2.7/0.8 dB/km & 500/500 MHz-km (850/1300 nm, MM50/125)
L : 3.0/0.8 dB/km & 160/500 MHz-km (850/1300 nm, MM62.5/125)
C : 3.2/1.0 dB/km & 160/500 MHz-km (850/1300 nm, MM62.5/125)
N : 0.25 dB/km (1550 nm, NZDSF)

SAMSUNG STANDARD : SM - RSA - XX

- Simplex Cable
- OFNR grade
- Out Diameter : 1.6~3.0 mm

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