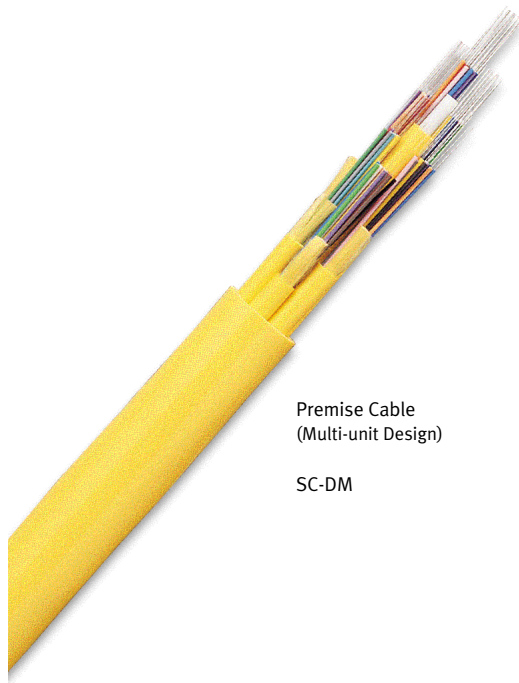


Premise Cable Multi-Unit Design

SAMSUNG Multi-Unit Premise Cables (**SC-DM**) are designed to meet or exceed all the requirements needed from today's Riser or Plenum cable systems. Tight-buffered, color-coded multi-fiber design with Aramid yarn strength member allows

for flexibility and reliability for use in trunking, LAN, and distribution applications. Other designs are available to meet required conditions by request.



Premise Cable
(Multi-unit Design)

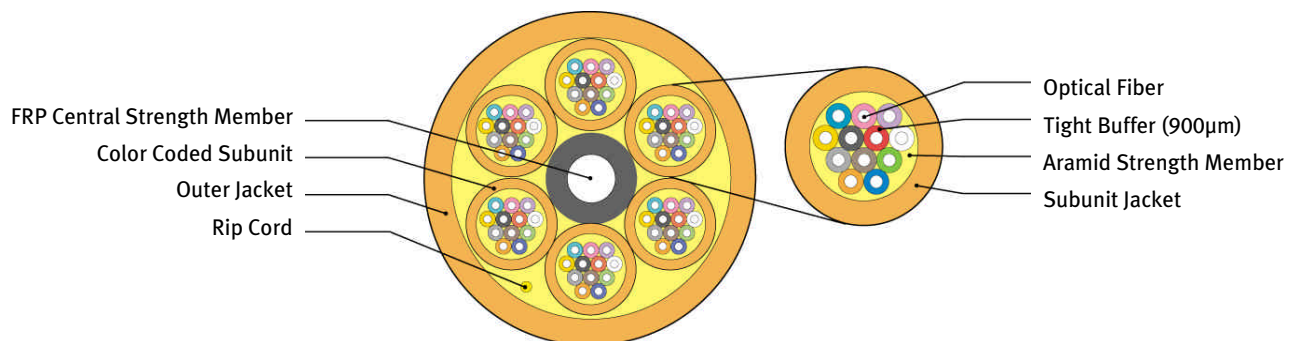
SC-DM

FEATURES / BENEFITS

- Fiber count up to 144
- Available with either single mode or multi-mode fibers
- Highly flexible and light for easy handling
- Compact design to save duct or conduit space
- Flame retardant PVC or LSZH outer jacket
- Aramid yarn reinforcement for fiber protection
- Easy stripping and routing
- OFNR-UL 1666 / CSA FT-4 riser-listed
- OFNP-UL 910 / CSA FT-6 plenum-listed

APPLICATIONS

- Intrabuilding Backbone
- Trunking, FDDI, LAN distribution



Premise Cable Multi-Unit Design

CABLE CHARACTERISTICS (OFNR)

Item Number	Fibers	Diameter		Weight		Tensile Load		Min. Bending Radius		Temperature	
		mm	inch	kg/km	lbs/1,000 ft	(N) Installing	Operating	(mm) Installing	Operating	(°C) Installing	Operating
DM-RS-024-A4	24	12.5	0.49	127	85.42	6332	2435	18.75	12.5	-20 ~ 70	-20 ~ 70
DM-RS-036-A6	36	15.7	0.62	201	134.87	9354	3598	23.55	15.7	-20 ~ 70	-20 ~ 70
DM-RS-048-A4	48	15.0	0.59	173	116.35	6696	2575	22.5	15	-20 ~ 70	-20 ~ 70
DM-RS-072-A6	72	18.1	0.71	264	177.33	9423	3624	27.15	18.1	-20 ~ 70	-20 ~ 70

CABLE CHARACTERISTICS (OFNP)

Item Number	Fibers	Diameter		Weight		Tensile Load		Min. Bending Radius		Temperature	
		mm	inch	kg/km	lbs/1,000 ft	(N) Installing	Operating	(mm) Installing	Operating	(°C) Installing	Operating
DM-PS-024-A4	24	12.1	0.48	131	88.16	6332	2435	18.15	12.1	-0 ~ 70	-20 ~ 70
DM-PS-036-A6	36	15.2	0.60	212	142.55	9354	3598	22.8	15.2	-0 ~ 70	-20 ~ 70
DM-PS-048-A4	48	14.6	0.57	183	122.70	6696	2575	21.9	14.6	-0 ~ 70	-20 ~ 70
DM-PS-072-A6	72	17.1	0.67	275	184.68	9423	3624	25.65	17.1	-0 ~ 70	-20 ~ 70

CABLE CHARACTERISTICS (OFN-LS)

Item Number	Fibers	Diameter		Weight		Tensile Load		Min. Bending Radius		Temperature	
		mm	inch	kg/km	lbs/1,000 ft	(N) Installing	Operating	(mm) Installing	Operating	(°C) Installing	Operating
DM-LS-024-A4	24	12.5	0.49	139	93.47	6332	2435	18.75	12.5	-20 ~ 70	-20 ~ 70
DM-LS-036-A6	36	15.7	0.62	221	148.51	9354	3598	23.55	15.7	-20 ~ 70	-20 ~ 70
DM-LS-048-A4	48	15.0	0.59	191	128.01	6696	2575	22.5	15	-20 ~ 70	-20 ~ 70
DM-LS-072-A6	72	18.1	0.71	282	189.54	9423	3624	27.15	18.1	-20 ~ 70	-20 ~ 70

Premise Cable Multi-Unit Design

ORDERING INFORMATION

DM - - **XXX** -

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

4 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 (1550nm, NZDSF)

5 NO. of Subunits

2 : 2 units **4** : 4 units **6** : 6 units **8** : 8 units
A : 10 units **B** : 12 units

SAMSUNG STANDARD : DM - RS - XXX - A6

- Distribution Cable with Multi-Unit Type Single mode Fiber Cable
- OFNR grade

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