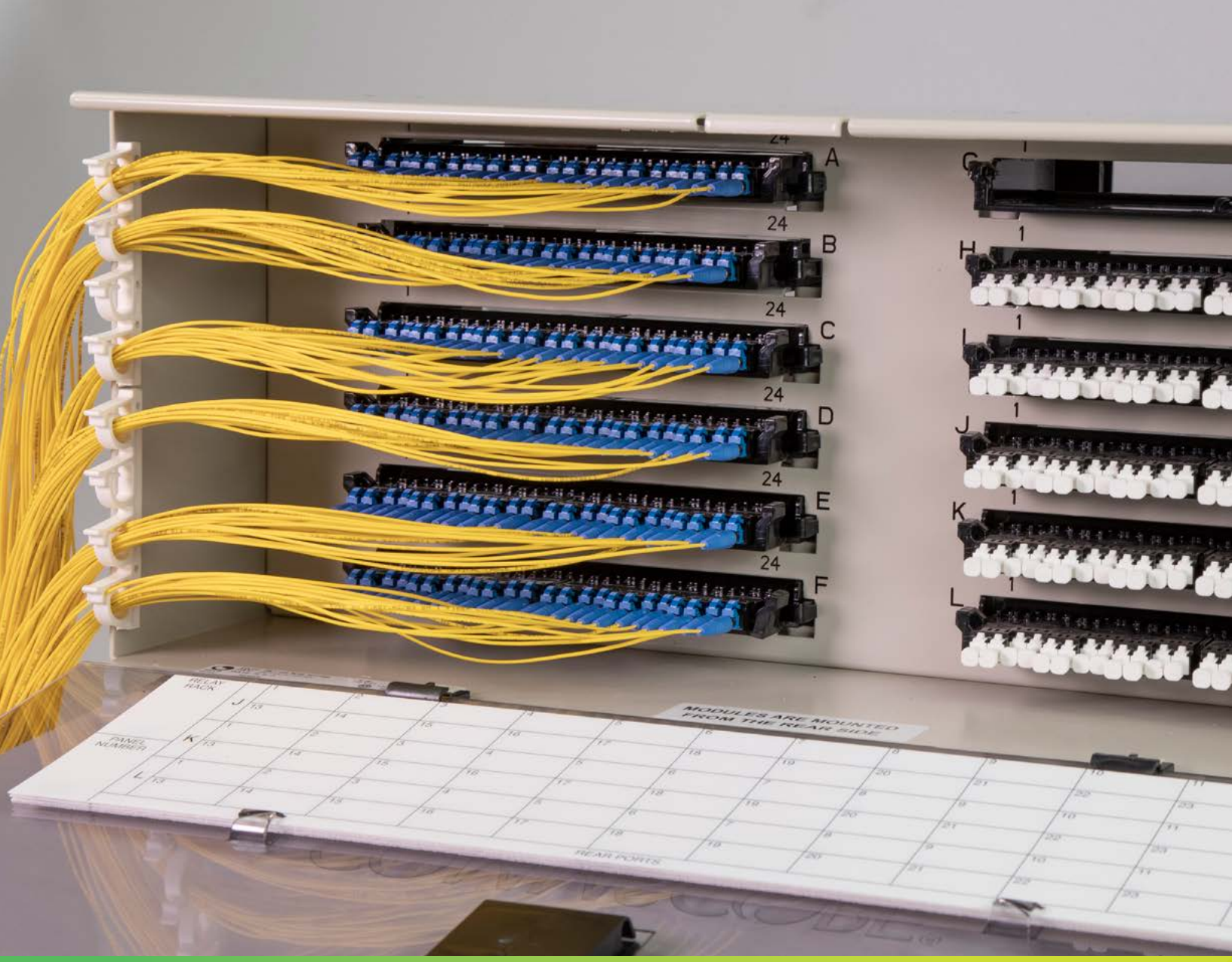


NG4 CMOD Cable Assemblies

COMMSCOPE®

Preterminated cable modules

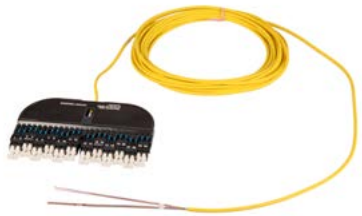
NG4access cabled modules will save operators significant time and cost in their cable deployments. Using the LC cabled module, for example, an installer can route a 24-fiber cable to any access tray in a universal chassis, then rapidly terminate the module's 24-fiber connectors using a single click, rather than installing 24 individual connectors. Cabled modules are available in LC and SC, singlemode configurations. Each module is designed for craft friendliness. Individual adapter ports are labeled for easy identification. Two cable options are available with cabled modules, conventional IFC or 24-fiber microcable IFC cable.

LC Cabled Module with Preterminated IFC

LC Cabled module with
24-fiber microcable

Cabled modules with preterminated IFC

With IFC cabled module solutions, multiple cabled modules are preterminated to IFC cable. For example, a 144 LC configuration would include six 24-fiber cabled modules secured to a 144 IFC cable. Rather than handling and installing 144 discrete connectors, the six cabled modules quickly snap into place on the access tray saving installation time and greatly reducing wiring errors and the potential for breaking adjacent fiber connectors. IFC cabled modules are available with stub ends or with connectors or cabled modules on the far end. All IFC cabled modules utilize reduced bend radius fiber and have the appropriate break out length to be installed in any access tray on any chassis in the frame. IFC cabled modules ordered with far end connectors can be used as tie cables to existing legacy ODF's. The far end breakouts for these assemblies are designated by the last three digits in the ordering configurations. All IFC cabled modules ship with the cable clamp required on the NG4access frame and at the far end if required for double ended assemblies.



LCcabled module with preterminated IFC

Cabled modules with preterminated IFC (continued)

Ordering information

NG4 - CMD ☐☐ ☐☐ ☐☐☐ ☐☐☐ ☐☐☐

Cabled module connector type #1

Singlemode	
K	LC ultra polish
M	LC angled polish
7	SC ultra polish
L	SC angled polish

Far end connector type #2*

Singlemode	
0	No connector/stub end
K	LC ultra polish
M	LC angled polish
7	SC ultra polish
L	SC angled polish
N	Cabled Module**

Cable type

		Diameter	
GQ	72 Loose tube stranded IFC	11.9 mm	.47"
KQ	96 Loose tube stranded IFC	13.7 mm	.54"
HQ	144 Loose tube stranded IFC	17.7 mm	.70"
GL	72 Loose tube Stranded Indoor/Outdoor	11.9 mm	.47"
KL	96 Loose tube Stranded Indoor/Outdoor	13.7 mm	.54"
HL	144 Loose tube Stranded Indoor/Outdoor	17.7 mm	.70"

Far end breakout style

If not a stub or cabled module, enter an option from below.

Blank	Stub or cabled module
NG3	NG3 72 and 144 position panel
NG	NGF 96 and 144-position FTB
NO	NGF 48 and 72-position FTB
A	7" FCM
B	8" FCM
LA	LSX 72 and 96-position panel
LB	LSX 144-position panel

Standard cable length***

016	16 m (50')
023	23 m (75')
031	31 m (100')
046	46 m (150')
061	61 m (200')
092	92 m (300')

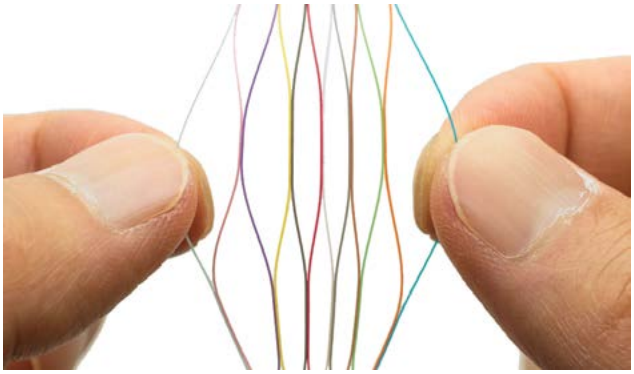
* Far end connector option only available with stranded cable

** Far end cabled module connector type is always same as type #1 connector type

*** Use XXX for non-standard lengths in meters

Cabled modules with rollable ribbon indoor/outdoor jacketing

Cabled modules with Rollable Ribbon Indoor/Outdoor Jacketing



Rollable Ribbon Cable

Ordering information

NG4 - CMD □ □ □□ □□□

Cabled module connector type #1

Singlemode	
K	LC ultra polish
M	LC angled polish

Far end connector type #2*

Singlemode	
0	No connector/stub end

Cable type

	Number of Fibers	Outer Diameter	
RG	72	10.5 mm	.41"
RK	96	10.5 mm	.41"
R3	144	10.5 mm	.41"
RJ	216	12.5 mm	.49"
R4	288	12.5 mm	.49"
R5	432	15.5 mm	.61"
R6	576	17.0 mm	.67"
R8	864	19.5 mm	.77"

Standard cable length***

016	16 m (50')
023	23 m (75')
031	31 m (100')
046	46 m (150')
061	61 m (200')
092	92 m (300')
122	122 m (400')
138	138 m (450')
153	153 m (500')
183	183 m (600')
305	305 m (1000')

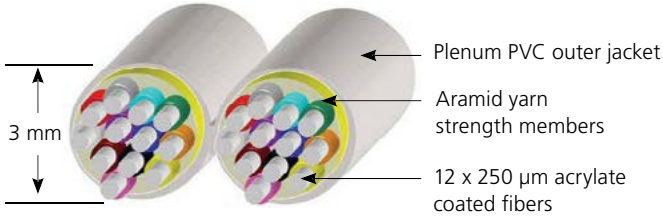
***Use XXX for non-standard lengths in meters

76" breakout on LC end

Cabled modules with 24-fiber microcable

For LC configurations, a single cabled module is connected to a 24-fiber microcable. For SC configurations, two cabled modules are connected to a 24-fiber microcable. The 24-fiber microcable is a plenum rated dual zip-cable containing reduced bend radius 250 micron fiber in a loose tube design. The 24-fiber microcable has the same compression, tensile strength and crush rating as conventional IFC cable and is fully compliant with GR-409. It can be secured to overhead cable racking or is flexible to be placed in FiberGuide or any fiber cable management system. Cabled modules are available with a stub end or with connectors on the far end. The breakout length for 24 fiber microcable IFC with far end connectors is 45 inches. This breakout length will accommodate all legacy CommScope ODF solutions however, a fanout mounting bracket kit must be ordered separately to match the far end clamping requirements.

Two SC cabled modules with 24-fiber microcable
2 modules stacked for photo



Ordering information

NG4 - CMD □□ M2 □□□

Cabled module connector type #1

Singlemode	
K	LC ultra polish
M	LC angled polish
7	SC ultra polish
L	SC angled polish

Far end connector type #2

Singlemode	
0	No connector/stub end
K	LC ultra polish****
M	LC angled polish****
7	SC ultra polish****
L	SC angled polish****
N	Cabled Module**
E	MPO Connector

Standard cable length***

016	16 m (50')
023	23 m (75')
031	31 m (100')
046	46 m (150')
061	61 m (200')

Cable type

M2	24-fiber microcable

** Far end cabled module connector type is always same as type #1 connector type

*** Use XXX for non-standard lengths in meters

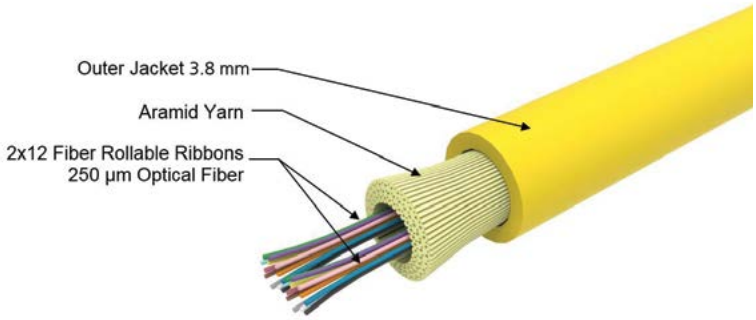
**** Far End Fanout 900um upjacketing.

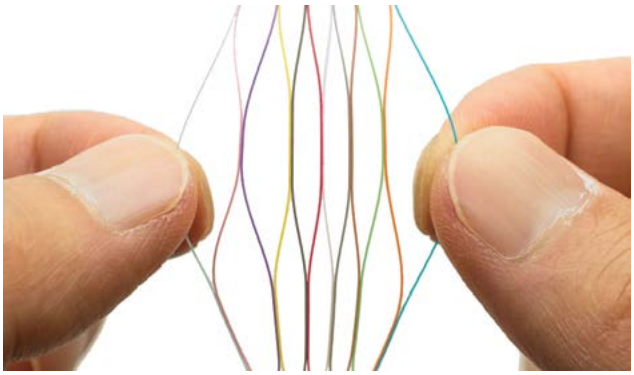
Contact CommScope's Technical Assistance Center for availability of other upjacketing options.

Cabled modules with 24-fiber rollable ribbon cable

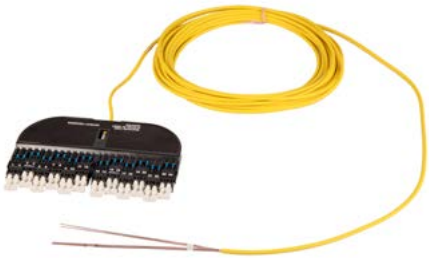
For LC configurations, a single cabled module is connected to a 24-fiber Rollable ribbon. The 24-fiber rollable ribbon is a plenum rated cable containing reduced bend radius 250 micron rollable fiber in a loose tube design.

The 24-fiber cable is flexible enough to be placed in FiberGuide or any fiber cable management system. Cabled modules with rollable ribbon are available with a stub end.





Rollable Ribbon Cable



Ordering information

NG4 - CMD □□ R2 □□□

Cabled module connector type #1

Singlemode	
K	LC ultra polish
M	LC angled polish

Far end connector type #2

Singlemode	
0	No connector/stub end

Standard cable length***

016	16 m (50')
023	23 m (75')
031	31 m (100')
046	46 m (150')
061	61 m (200')

Cable type

R2	24-fiber rollable ribbon

*** Use XXX for non-standard lengths in meters

Contact CommScope's Technical Assistance Center for availability of other upjacketing options.

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We collaborate with our customers and partners to design, create and build the world's most advanced networks. It is our passion and commitment to identify the next opportunity and realize a better tomorrow. Discover more at commscope.com

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