

DESCRIPTION



PRODUCT_IMAGE

ÉTENDUE DE LA LIVRAISON

- 1 x Cassette Netscale 48 FO
- 6 x adaptateur LC duplex MM OM4

TEXTE DE SPÉCIFICATION

Cassette d'adaptateurs Netscale 48, 6 x adaptateur LC duplex multimode OM4, selon IEC 61754-20 violet bruyere.

Boitier: Polycarbonate classe feu UL 94V-0, noir RAL 9005

Dimensions: 103 x 108 x 18mm (L x l x H)

Fabricant: R&M

Type: 1 x R869111

DONNÉES TECHNIQUES

DESCRIPTION	VALEUR / PLAGE DE VALEURS
Classe de protection IP	IP 20 (Protection contre le contact)
Capacité (ports)	6
STANDARD	Classe de protection: IP20 selon CEI 60529

DONNÉES MÉCANIQUES

DESCRIPTION	VALEUR / PLAGE DE VALEURS
Dimension	108.0 mm x 18.8 mm x 103.0 mm / 4.252 in x 0.74 in x 4.055 in (L x H x P)
Code couleur RAL	9005 Noir foncé
Matériau	PC + ABS sans halogène, UL 94 V-0

DONNÉES ENVIRONNEMENTALES

DESCRIPTION	VALEUR / PLAGE DE VALEURS
Température de service	-10 °C à +60 °C / +14 °F à +140 °F

ACCESSOIRES

Type	Image	Description	Article	Numéro E
Accessoires optionne		Netscale 48 vide 1U droit	R868288	966733105

Type	Image	Description	Article	Numéro E
Accessoires optionne		Netscale 48 empty 1U angled	R875195	
Accessoires optionne		Netscale 48 vide 1 U droit avec passage	R875196	966733115
Accessoires optionne		Netscale 48 vide 1 U droit avec passage	R875197	966733125

Netscale 48 LC-Duplex 6 Ports SM PC bk

DESCRIPTION



PRODUCT_IMAGE

ÉTENDUE DE LA LIVRAISON

- 1 x Cassette Netscale 48 FO
- 6 x adaptateur LC duplex SM PC

TEXTE DE SPÉCIFICATION

Cassette adaptateur Netscale 48, 6 x adaptateur LC duplex monomode PC, selon IEC 61754-20 bleu.

Boîtier: Polycarbonate classe feu UL 94V-0, noir RAL 9005

Dimensions: 103 x 108 x 18 mm (L x l x h)

Fabricant: R&M

Type: 1 x R869113

DONNÉES TECHNIQUES

DESCRIPTION	VALEUR / PLAGE DE VALEURS
Classe de protection IP	IP 20 (Protection contre le contact)
Capacité (ports)	6
STANDARD	Classe de protection: IP20 selon CEI 60529

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Matériau	PC + ABS sans halogène, UL 94 V-0

DONNÉES ENVIRONNEMENTALES

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- Plug and Play for easy and fast installation
- Fan-out lengths from 0.5 up to 3.0 meters
- Robust, patchcord-style fan-out legs
- Delivered with optional pulling eye
- LSZH jacket material or Cca
- Bend-insensitive fiber for multi-mode and singlemode
- LC, SC and E2000 connectors up to 288 fibers
- 100% tested in production, electronic test report available

Technical Data

Connector type (side A)	LC-simplex, SC-simplex, E2000-simplex
Frame color connector (side A)	black (multimode), blue (singlemode-PC), green (singlemode-APC)
Polishing connector (side A)	PC (multimode/singlemode), APC 8° (singlemode)
Fan-out length (side A)	0.5m to 3.0m
Connector type (side B)	LC simplex, SC simplex, E2000 simplex
Frame color connector (side B)	black (multimode), blue (singlemode-PC), green (singlemode-APC)
Polishing connector (side B)	PC (multimode/singlemode), APC 8° (singlemode)
Fan-out length (side B)	0.5m to 3.0m
Type of protection connector	IP20
Cable color	Lime green (OM5), heather violet (OM4), turquoise (OM3), yellow (OS2)
Fiber class	G50/125µm OM5, G50/125µm OM4, G50/125µm OM3, E9/125µm
Cord type	Minicore cable, round (strength member: aramid yarn)

Optical performance

	Multimode LC, SC, & E2000	Singlemode LC, SC & E2000
Mean Insertion Loss *)	≤0.10dB	≤0.15dB
Max. Insertion Loss *)	≤0.20dB	≤0.25dB
Return Loss *)	≥40dB	≥55dB

*) The values stated were determined in accordance with the measurement procedures prescribed by IEC 61300-3-4, IEC 61300-3-6 respectively. If other measuring methods are used, deviating values may be obtained.

Mechanical characteristics

Mating cycles	<1000
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Environmental characteristics

Operating Temperature (°C)	-10 to +60
Storage Temperature (°C)	-20 to +65

Fiber

	G.657.A1 Singlemode	G.652D Singlemode	OM3 Multimode	OM4 Multimode	OM5 Multimode
Wavelength [nm]	1310 / 1550	1310 / 1550	850 / 1300	850 / 1300	850 / 953
Attenuation [dB/km]	0.4 / 0.3	0.4 / 0.3	≤ 3.0 / ≤ 1.0	≤ 3.0 / ≤ 1.0	≤ 3.0 / ≤ 1.8
Bandwidth OFL [MHz•km]	-	-	≥1500 / ≥500	≥3500 / ≥500	≥3500 / ≥1850
Effective Modal Bandwidth [MHz•km]	-	-	≥2000 / -	≥4700 / -	≥4700 / ≥2470

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Cable

	Fiber Count	LSZH	
		Single jacket	Double jacket
Outer Diameter [mm]	12	3.0 / 4.5	4.5
	24	3.5 / 5.0	5.0
	36	7.5 / 9.2	9.2
	48	7.5 / 9.2	9.2
Weight [kg/km]	12	14.0 / 23.0	23.0
	24	30.0 / 52.0	52.0
	36	65.0 / 65.0	65.0
	48	66.0 / 66.0	66.0
Minimum Bending Radius [mm] (during installation)	12	60	90
	24	120	120
	36	150	185
	48	150	185
Minimum Bending Radius [mm] (installed)	12	60	60
	24	120	120
	36	120	120
	48	120	120
Maximum Tensile Force [N] (during installation)	12	200	400
	24	200	400
	36	2500	3000
	48	2500	3000
Maximum Tensile Force [N] (installed)	12	100	200
	24	100	200
	36	1500	1800
	48	1500	1800
Fire Rating (CPR class)	12	Cca & Eca	Eca
	24	Cca & Eca	Eca
	36	Eca	Eca
	48	Eca	Eca

Cable divider and fanout

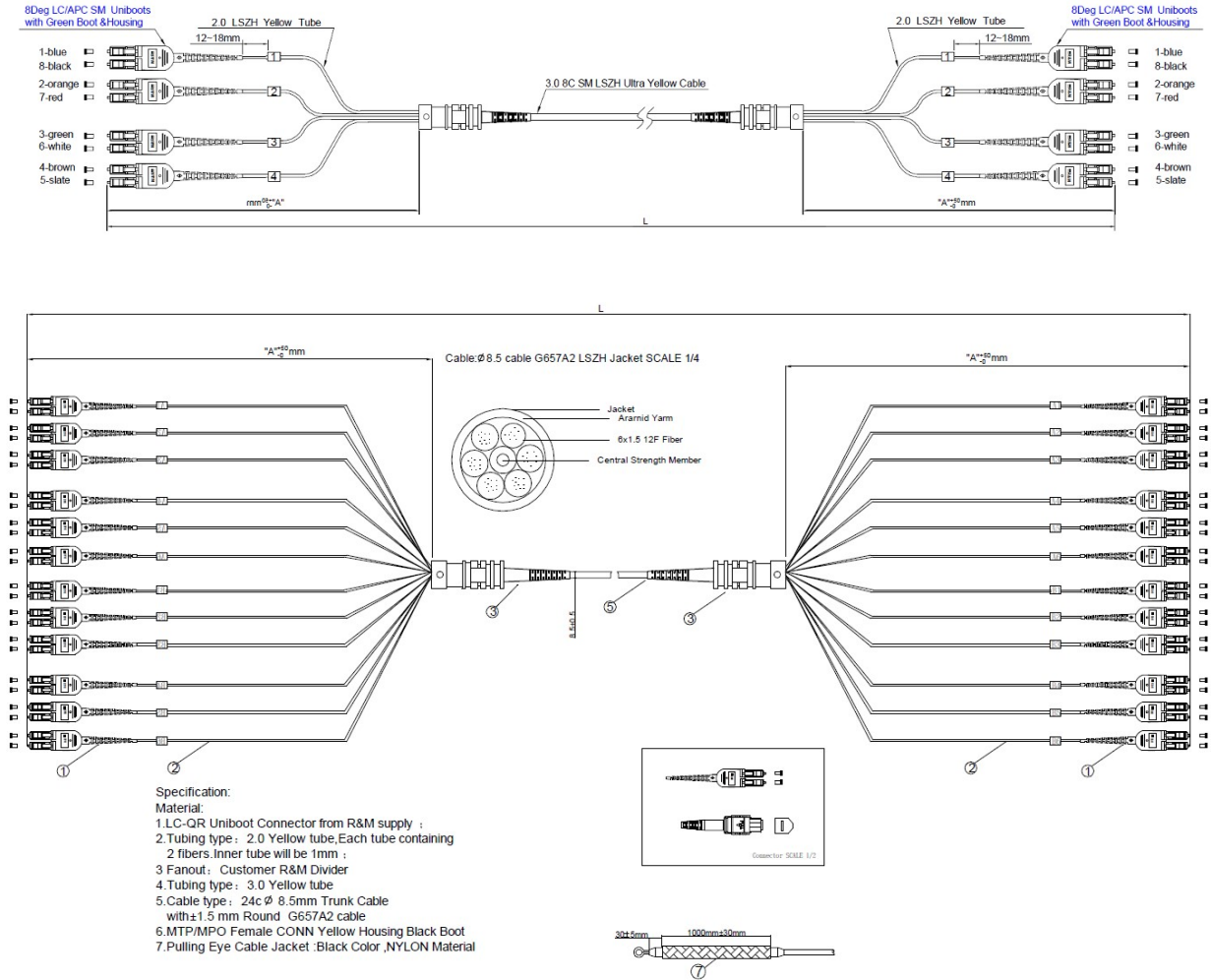
	Fiber Count			
		Divider	Boot	Fanout
Outer Diameter [mm]	12	12.0	7.0	1.9
	24	23.0	21.0	1.9
	36	23.0	21.0	1.9
	48	23.0	21.0	1.9
Length [mm]	12	37.0	33.2	< 1500
	24	37.0	33.2	< 1500
	36	37.0	33.2	< 1500
	48	67.0	86.0	< 1500
Fanout Protection	Configurable: 1. Braided Sleeve 2. Protective Tube (IP 65)			

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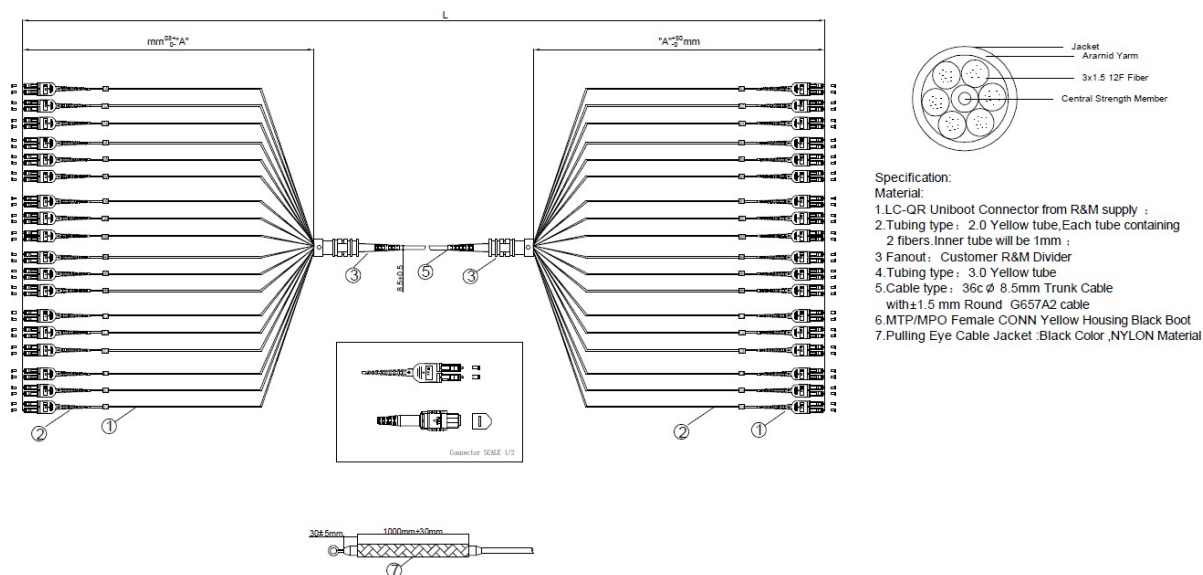
Standards

IEC 61754-20	Geometrical requirements LC
IEC 61300-3-4	Insertion Loss
IEC 61300-3-6	Return Loss
IEC 60794-1-2	Basic optical cable test procedures

Drawing



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Order Information

FA-L08S3YS-LC0BBM060-LC0BBM060-AxxxN	8-Fiber LC to LC Uniboot Trunk SM LSZH Uniform 600 mm Legs
FA-L12S3YS-SC0BBM060-SC0BBM060-AxxxN	12-Fiber SC to SC Uniboot Trunk SM LSZH Uniform 610 mm Legs
FA-L24S3YS-ET0BBM060-ET0BBM06P-AxxxN	24-Fiber E2000 to E2000 Uniboot Trunk SM LSZH Uniform 610 mm Legs, one side pulling eye

i Other lengths and fiber counts available

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