

[Standard](#)

Image for illustrative purpose only

Summary

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Number of contacts Low Voltage	6
Wire Size/AWG	28 - 20
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	3.20 - 5.20 mm
Size	2P
Suggested matching part	CKB.M06.GLLG
Series	REDEL P - Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/cab-m06-gla-c52gz.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	6
Contact Termination Low voltage	Solder
Insert configuration value	2P.M06 - 6 Low V.
Insulator	L: PEEK for solder contacts
Rated current	12 A
Test voltage contact-contact	1.91 (kV DC)
Air clearance	0.85 mm
Creepage distance	0.85 mm
Bucket Dia.	1.1 mm (0.043 in)
Contact Dia.	1.3 mm (0.051 in)
Wire Size/AWG	28 - 20
Gender	Standard

Form & Material

Shell style / Model id	CA - Straight plug with cable collet and nut for fitting a bend relief
Plug	Straight
Housing material	PSU (Polysulfone), grey
Locking system	Push-pull
Keying	B: 3 keys (alpha=0, gamma=60, Plug: male contacts, Receptacle: female contacts)
Colour	Grey
Weight	9.17 g

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Environment

Technical domain	Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP50
Endurance	>1000 mating cycles
Temperature range	-50°C / +150°C
F ret (max)	250 N
F ret (min)	150 N
Steam sterilization	Compiles with ISO 17665:2024 sterilization standard for autoclave, ISO 11135:2014 for EtO, and ISO 11137-1, -2, -3 standards for gamma, e-beam x-ray. For more details on sterilization methods and cycles, please contact us.

Cable fixation

Cable termination protection	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	3.20 - 5.20 mm

Recommended By Lemo

Bend Reliefs

GMA.2B.045.RG	GMA.2B.045.RA	GMA.2B.045.RB
GMA.2B.045.RJ	GMA.2B.045.RM	GMA.2B.045.RN
GMA.2B.045.RR	GMA.2B.045.RS	GMA.2B.045.RV

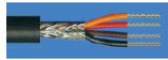
Tools

Spanner	DCP.91.023.TN
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Cables

Cable PartNumber	Material	Colour	Cable image
CMN.06.T26.037QGZE	TPR (medical)	Grey	
CMN.06.T28.042QBCE	TPR (medical)		
CMN.06.T28.044PGZE		grey	
CMN.06.T28.044PNZE			
106240	PTFE	White	
160140	PVC	Grey	
160260	PVC	Black	
60260	PTFE	White	
6280	PVC	Black	

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