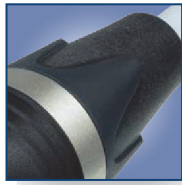




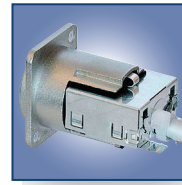
Push Pull locking



IP65 in mated condition



D-shape metal shell



Closed shielding

CAT6 Patch Cable



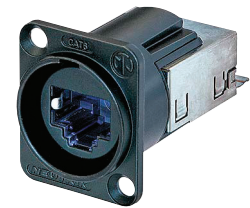
NKE6S-*



NE8MC6-MO



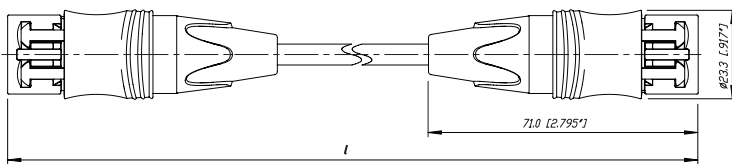
NE8FDY-C6



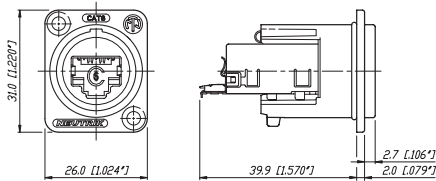
NE8FDY-C6-B

- CAT6 compliant – according to ISO / IEC 11801, TIA / EIA 568C.2, EN50173-1
- Dust and water resistant according IP 65 in mated condition
- Push Pull mating design provides secure locking system
- Shielded system – high noise immunity and EMI protection
- IDC contacts for tool-free assembly offer gas-tight termination
- Ready made patch cables or cable connector for self termination with rugged diecast cable carrier and unique chuck-type strain relief

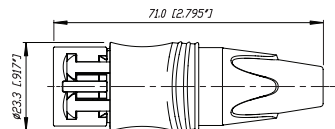
NKE6S-*



NE8FDY-C6



NE8MC6-MO



Technical Data

		Receptacle	Patch Cable
Electrical			
Number of contacts	8	•	•
Rated current per contact	1.5 A	•	•
TIA / EIA rating	CAT6	•	•
IEC / ISO / EN rating	CAT6A	-	-
Input to output resistance	< 200 mΩ	•	•
Insulation resistance	> 500 MΩ	•	•
Dielectric strength	1 kV dc	•	•
PoE + acc. IEEE 802.3at		-	-

Materials

Housing	Zinc diecast	•	•
Adapter	Polyamide PA 6	•	•
Strain relief clamp	POM	-	•
Contacts	Bronze CuSn	•	•
	Spring steel	-	-
Contact surface	Gold	•	•
Bushing	PU / PA	-	•

Mechanical

Retention method	Push-Pull	•
Life time (mating cycles)	> 1'000	•
Cable O.D. range	5.5 - 6.5 mm	
Wire size (solid)	0.205 - 0.324 mm ² (AWG 24 - AWG 22)	
Stranded wire	0.141 - 0.355 mm ² (AWG 26 / 7 - 22 / 7)	
Solid wire		

Environmental

Operating temperature	-10 °C to +60 °C
Storage temperature	-40 °C to +70 °C
Flammability	UL94HB
Protection class	IP 65

Ordering Information CAT6

Cable Connector

NE8MC6-MO	RJ45 cable plug with carrier offering a robust metal shell with Push-Pull locking system
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Patch Cable

NKE6S-*	Standard lengths: 0.5, 1, 2, 3, 5, 10, 30 m
NKE6S-*-WOC	Equipped on one side with metal shell, standard lengths: 1, 2, 3, 5, 10, 30 m
	Custom length in meter steps on request

Receptacle

NE8FDY-C6	CAT6 with Nickel D-shell
NE8FDY-C6-B	CAT6 with Black Chrome D-shell

Accessories	see page 109 / 114 / 118
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