

## RJ45 patch cords IP67 Cat.6<sub>A</sub> (IEC)

500 MHz, shielded, wiring 1:1



Standard version



Variant with IP67 RJ45 plugs on both sides

### Description

Datwyler's patch cords and connection cables IP67 Cat.6A are especially suitable for the harsh, industrial environment. The IP67 RJ45 plug is compatible with the Datwyler Modular Solution IP67 components. The cable type CU 7702 4P flex FRNC/LS0H Cat.7 provides outstanding electrical and mechanical properties. The shielded pairs (PiMF) and an additional overall copper braid ensure outstanding NEXT and impedance values. The cable type CU 7702 4P flex Industrial PUR meets additional requirements of the industrial environment like oil resistance and robustness. The standard version is fitted with an IP67 RJ45 plug on one side and a RJ45 plug with a moulded anti-slug boot on the other side. In addition to the standard version this patch cable is available in other lengths and with other combinations of plugs (on request).

### Electrical properties

EMC shielded

### Standards

Cat./Class	Cat.6 / Class E
Oil resistance	IEC 60811-404, EN 60811-2-1
PoE	IEEE 802.3at
Zero halogen no corrosive gases	IEC 60754-1/-2, EN 60754-1/-2, VDE 0482-754-1/-2
Flame Propagation	IEC 60332-1-2, EN 60332-1-2, VDE 0482-332-1-2
Smoke Density	IEC 61034-1/-2, EN 61034-1/-2, VDE 0482-1034-1/-2 - applies to FRNC/LS0H

### Versions

Material number	Product	Outer sheath colour	Length (m)	Weight [kg]	Packing unit
664508	RJ45 patch cord IP67 Cat.6 <sub>A</sub> (IEC)		1	0.09 kg	
664510	RJ45 patch cord IP67 Cat.6 <sub>A</sub> (IEC)		2	0.14 kg	
664512	RJ45 patch cord IP67 Cat.6 <sub>A</sub> (IEC)		3	0.19 kg	
664516	RJ45 patch cord IP67 Cat.6 <sub>A</sub> (IEC)		5	0.29 kg	
664520	RJ45 patch cord IP67 Cat.6 <sub>A</sub> (IEC)		7	0.4 kg	
664526	RJ45 patch cord IP67 Cat.6 <sub>A</sub> (IEC)		10	0.56 kg	
664008	RJ45 patch cord IP67 Cat.6 <sub>A</sub> (IEC)	orange	1	0.09 kg	
664010	RJ45 patch cord IP67 Cat.6 <sub>A</sub> (IEC)	orange	2	0.14 kg	
664012	RJ45 patch cord IP67 Cat.6 <sub>A</sub> (IEC)	orange	3	0.21 kg	
664016	RJ45 patch cord IP67 Cat.6 <sub>A</sub> (IEC)		5	0.29 kg	
664020	RJ45 patch cord IP67 Cat.6 <sub>A</sub> (IEC)		7	0.4 kg	
664026	RJ45 patch cord IP67 Cat.6 <sub>A</sub> (IEC)		10	0.56 kg	
664610	RJ45 patch cord IP67 Cat.6 <sub>A</sub> (IEC)		2	0.14 kg	1 pc.
664612	RJ45 patch cord IP67 Cat.6 <sub>A</sub> (IEC)		3	0.19 kg	
664616	RJ45 patch cord IP67 Cat.6 <sub>A</sub> (IEC)		5	0.29 kg	1 pc.
664626	RJ45 patch cord IP67 Cat.6 <sub>A</sub> (IEC)		10	0.56 kg	



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Material number	Product	Outer sheath colour	Length (m)	Weight [kg]	Packing unit
664628	RJ45 patch cord IP67 Cat.6 <sub>A</sub> (IEC)		15	0.82 kg	1 pc.
664634	RJ45 patch cord IP67 Cat.6 <sub>A</sub> (IEC)		30	1.6 kg	

Subject to technical modification

As of 2020-12-03 13:16:46