

Industrial Ethernet Cables Profinet

PN 662 AIR

Industrial Ethernet Cable CAT 5 - Profinet type B, for flexible applications



Marking for PN 662 AIR 06629015:

SAB BRÖCKSKES · D-VIERSEN · ETHERNETLEITUNG 2x2x28AWG 06629015 CE

Application: Suitable for the use as Ethernet cable referring to EN 50288-2-2 (Cat. 5 acc. EN 50173): characteristic impedance of matching cores white/blue and yellow/orange $100 \pm 10 \Omega$.

Construction:

Conductor:	silver coated copper strands
Insulation:	FEP
Colour code:	white, yellow, blue, orange
Stranding:	twisted as quad
Wrapping:	non-woven tape
Wrapping:	metal coated tape
Screen:	silver coated copper wrapping
Sheath material:	FEP
Sheath colour:	orange (RAL 2003)

Technical data:

Operating voltage:	max. 150 V
Testing voltage:	core/core 1500 V core/screen 1200 V
Min. bending radius <i>fixed laying:</i> <i>flexible:</i>	5 x d 10 x d
Temperature range <i>fixed laying:</i> <i>flexible application:</i>	-90/+180 °C -40/+180 °C
Hydraulic fluids resistance:	very good
Application:	suitable for EtherCAT and EtherNET/IP applications
Absence of harmful substances:	acc. to RoHS directive of the European Union

item no.	type	cross section	outer-ø approx.	copper figure	cable weight	ohmic resistance at 20°C acc. to VDE 0812 max.Ω/km
			mm	kg/km	≈kg/km	
06629015	PN 662 AIR	2 x 2 x AWG 28	2,6	9,8	15	222,2

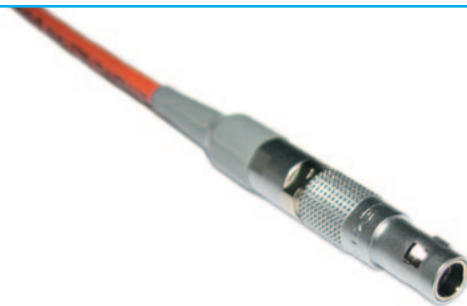
Other dimensions and colours are possible on request.

Also possible as harnessed cable with M12 or RJ 45 plug!



Cable harnessing

Ethernet cable on both side 4-pole Lemo male connector



Cable:

Ethernet cable:	2 x 2 x 28 AWG (L 0662-9015)
Cable length:	2,50 m (S 0662-4001) 5,00 m (S 0662-4002) 12,00 m (S 0662-4003) 25,00 m (S 0662-4004) 50,00 m (S 0662-4005) 100,00 m (S 0662-4006)

Harnessing:

Side 1	
Lemo connector:	FGG.00.304.CYCD27Z 4-pole with bend relief grey
Pin configuration:	pin 1 = white pin 2 = blue pin 3 = yellow pin 4 = orange
Shield:	connected on housing
Connector:	Lemo Type FGG.00.304.CYCD27Z 4-pole
Side 2	
Lemo connector:	FGG.00.304.CYCD27Z 4-pole with bend relief grey
Pin configuration:	pin 1 = yellow pin 2 = orange pin 3 = white pin 4 = blue
Shield:	connected on housing
Connector:	Lemo Type FGG.00.304.CYCD27Z 4-pole