chanhvinh.com

Network cable - NBC-R4QC/2,0-93E/R4QC

1408948

https://www.phoenixcontact.com/gb/products/1408948

Please be informed that the data shown in this PDF document is generated from our Online Catalog. Please find the complete data in the user documentation. Our General Terms of Use for Downloads are valid.



Assembled Ethernet cable, CAT5e, shielded, 2-pair, 26 AWG stranded (7-wire), RAL 5021 (water blue), RJ45 plug/IP67 push/pull plastic housing to RJ45 plug/IP67 push/pull plastic housing, line, length: 2 m

Commercial Data

Item number	1408948
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to Order (non-returnable)
Sales Key	ABNEAI
Product Key	ABNEAI
Catalog Page	Page 399 (C-2-2019)
GTIN	4046356856768
Weight per Piece (including packing)	104.94 g
Weight per Piece (excluding packing)	104.94 g
Customs tariff number	85444210
Country of origin	PL

chanhvinh.com

Network cable - NBC-R4QC/2,0-93E/R4QC

1408948

https://www.phoenixcontact.com/gb/products/1408948

Technical Data

Product properties

Product type	Data cable preassembled
Number of positions	4
Connection profile	RJ45 8(4)
No. of cable outlets	1
Number of slots	1
Locking type	Push Pull
Shielded	yes
Cable outlet	straight

Insulation characteristics

Degree of pollution	2

LED signaling

Status display	No
Status display present	No

Electrical properties

Rated voltage (III/3)	72 V (DC)
Nominal voltage U_N	48 V
Nominal current I_N	1 A
Transmission medium	Copper

Material specifications

Color	black
Flammability rating according to UL 94	V2

Connector

Insertion/withdrawal cycles	≥ 200

Connection 1

Handle color	black
Material	CuSn (Contact)
	Ni/Au (Contact surface)
	PC (Contact carriers)
	PA GF (Housing)
Insertion/withdrawal cycles	≥ 750
Degree of protection	IP67
Ambient temperature (operation)	-40 °C ... 70 °C

Connection 2

Handle color	black
	CuSn (Contact)

chanhvinh.com

Network cable - NBC-R4QC/2,0-93E/R4QC

1408948

https://www.phoenixcontact.com/gb/products/1408948

Material	Ni/Au (Contact surface)
	PC (Contact carriers)
	PA GF (Housing)
Insertion/withdrawal cycles	≥ 750
Ambient temperature (operation)	-40 °C ... 70 °C

Cable / line

Cable length	2.00 m
Cable weight	43.00 kg/km
Cable type	Ethernet
Cable structure	2x2xAWG26/7; SF/UTP
External cable diameter	6.70 mm
Outer sheath, material	PUR
External sheath, color	water blue RAL 5021
Conductor material	Bare Cu litz wires
Conductor structure signal line	7x 0.16 mm
AWG signal line	26
Wire diameter incl. insulation	1 mm
Single wire, color	white-orange, white-green
Smallest bending radius, fixed installation	33.5 mm (cable, fixed installation)
Smallest bending radius, movable installation	33.5 mm (Cable, flexible installation)
Smallest bending radius, fixed installation	33.5 mm (cable, fixed installation)
Smallest bending radius, movable installation	33.5 mm (Cable, flexible installation)

Ambient conditions

Degree of protection	IP67 (RJ45 connector)
Degree of protection	IP65/IP67
Ambient temperature (operation)	-40 °C ... 70 °C (RJ45 connector)

Standards and regulations

Standards/specifications	IEC PAS 61076-3-117

chanhvinh.com

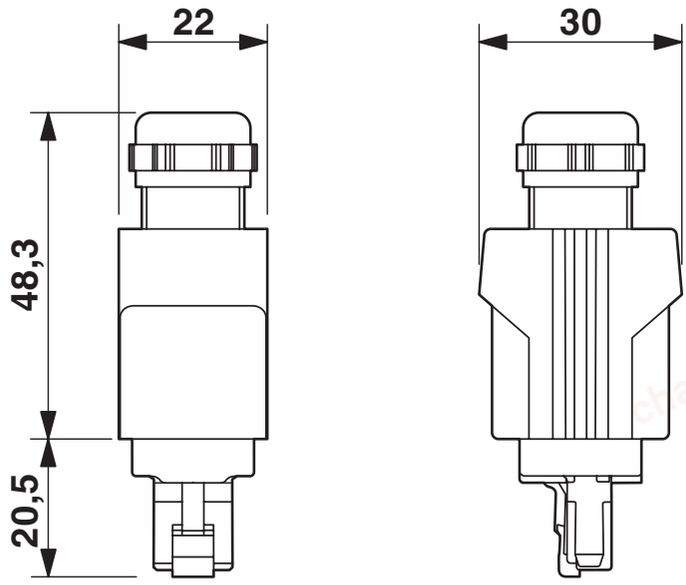
Network cable - NBC-R4QC/2,0-93E/R4QC

1408948

https://www.phoenixcontact.com/gb/products/1408948

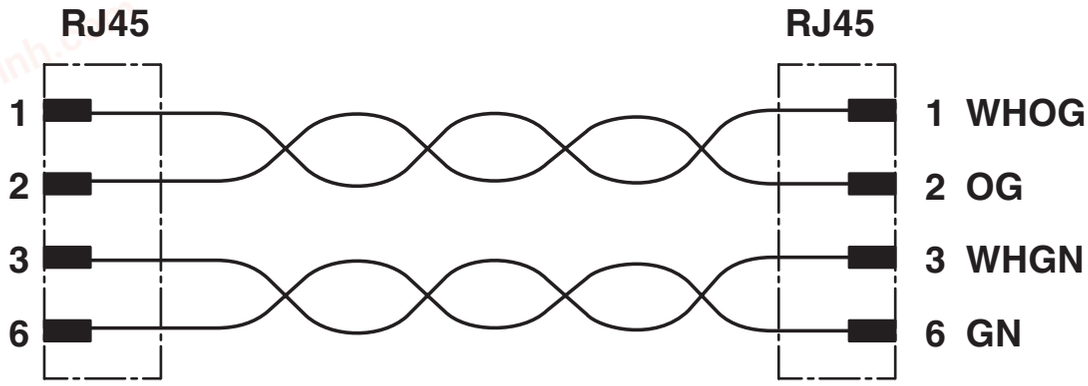
Drawings

Dimensional drawing



RJ45 Push-Pull connector, IP67

Circuit diagram



Contact assignment of RJ45 plugs

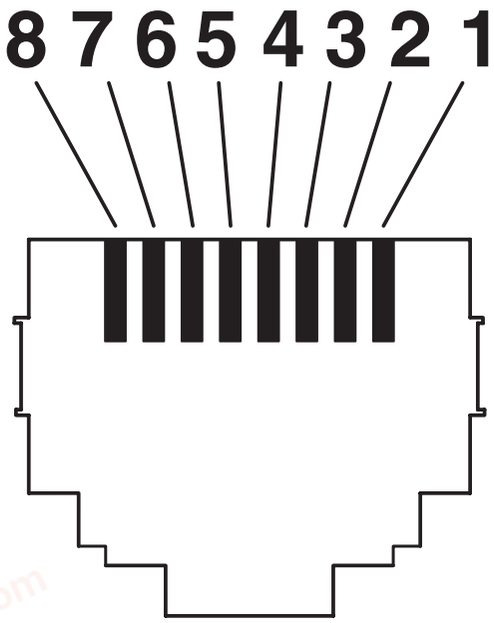
chanhvinh.com

Network cable - NBC-R4QC/2,0-93E/R4QC

1408948

https://www.phoenixcontact.com/gb/products/1408948

Schematic diagram



Connector pin assignment plug RJ45

chanhvinh.com

Network cable - NBC-R4QC/2,0-93E/R4QC

1408948

https://www.phoenixcontact.com/gb/products/1408948

Approvals

EAC
Approval ID: 19060508

EAC
Approval ID: B.00385/20

chanhvinh.com

Network cable - NBC-R4QC/2,0-93E/R4QC

1408948

https://www.phoenixcontact.com/gb/products/1408948

Classifications

ECLASS

ECLASS-9.0	27060308
ECLASS-10.0.1	27060308
ECLASS-11.0	27060308

ETIM

ETIM 8.0	EC002599

UNSPSC

UNSPSC 21.0	26121600

chanhvinh.com

Network cable - NBC-R4QC/2,0-93E/R4QC

1408948

https://www.phoenixcontact.com/gb/products/1408948

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Phoenix Contact 2022 © - all rights reserved
https://www.phoenixcontact.com

PHOENIX CONTACT Ltd
Halesfield 13, Telford
Shropshire, TF7 4PG
01952 681700
info@phoenixcontact.co.uk