![Chipsmall logo]

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

PHŒNIX CONTACT

Bus system cable - VS-PNRJ45-PNRJ45-93B-1,0 - 1418235

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Profinet patch cable, shielded, star-quad, 22 AWG stranded (7-wire), green, straight RJ45 male connector/IP20 to straight RJ45 male connector/IP20, length: 1.0 m

Profinet patch cable

Key commercial data

Packing unit	0
Minimum order quantity	1
Catalog page	Page 319 (PC-2011)
GTIN	4 046356 534468
Custom tariff number	85444210
Country of origin	POLAND

Technical data

Mechanical characteristics

Number of positions	4
Connection profile	RJ45 8(4)
Insertion/withdrawal cycles	≥ 750
Type of cable	Round cable
Length of cable	1 m
Ambient temperature (operation)	-25 °C ... 80 °C

Material data

Inflammability class according to UL 94	V2
Housing material	PA 6.6
Contact material	CuSn
Contact surface material	Ni/Au
Degree of protection	IP20

Electrical characteristics

Rated current	1.75 A

Line characteristics

Bus system cable - VS-PNRJ45-PNRJ45-93B-1,0 - 1418235

Technical data

Line characteristics

Cable type	PROFINET
Cable structure	1x4xAWG22/7; SF/Q
Conductor cross section	0.34 mm²
AWG signal line	22
Conductor structure signal line	7x 0.25 mm
Core diameter including insulation	Approx. 1.5 mm
External cable diameter	6.50 mm
Wire colors	White, yellow, blue, orange
External sheath, color	Green RAL 6018
Transmission characteristics (category)	CAT5 (IEC 11801:2002), CAT5e (TIA 568B:2001)
Wave impedance	100 Ω ± 15 Ω (At 1- 100 MHz)
Outer sheath, material	PVC
Conductor material	Tin-plated Cu litz wires

Classifications

eclass

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27060307
eCl@ss 6.0	27061801
eCl@ss 7.0	27061801

etim

ETIM 4.0	EC002599

unspsc

UNSPSC 6.01	26121616
UNSPSC 7.0901	26121616
UNSPSC 11	26121604
UNSPSC 12.01	31261501
UNSPSC 13.2	26121616

Drawings

Bus system cable - VS-PNRJ45-PNRJ45-93B-1,0 - 1418235

Dimensioned drawing
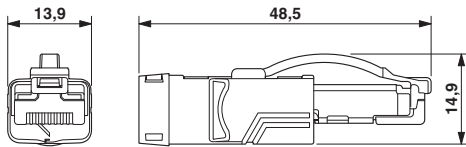
RJ45 plug connector, IP20

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Circuit diagram

RJ45   **RJ45**

1	1 YE
2	2 OG
3	3 WH
6	6 BU