


Model No.: VK5E24GCMxxxxxy
Description: PVC 4PR SOLID 24AWG U/UTP CAT5E LAN Cable

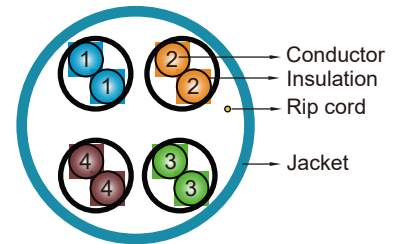


Application

Vectorkom category 5E unshielded horizontal solid LAN cable (U/UTP) allows for data transmission between patch panels, outlets and/or IT equipment installed in data center or terminal users buildings. Backwards compatible with Cat6 application. Cable is supplied on a pull inside the carton, for ease of installation.

Characteristics

Type of cable	4 pair cables Non-plenum cable
Conductor Material	Annealed Bare Copper, 24AWG (1x0.49+/-0.01MM)
Cable insulation	HDPE, 0.88+/-0.05MM OD
Rip cord	Polyester filament FDY 900D, Under the sheath
Cable jacket	PVC, 5.0+/-0.5MM OD
Spark test for insulation	2500VDC
Conductor resistance	95.8ohms/KM MAX @ 20 C temperature
DCR unbalanced	5%
Insulation resistance	5000Mohm Min / KM @ 500VDC charge 1 minute
Mutual capacitance	=<56nF / KM
Pair to ground unbalance	=<330pF/100m
Storage temperature	-15 C to 75 C
Installation temperature	0 C to 60 C
Maximum pulling force	25lbs
Min ben radius (install)	100mm
Cable marking	VECTORKOM CAT5E UTP CABLE VK5E24GCMxxxxxy  NVP @ 69% 4PR 24AWG PVC 75 °C AS/NZS 3080 CAT 5E XXW/YYYY XXXM



VECTORKOM CAT5E UTP CABLE VK5E24GCMxxxxxy  **NVP @ 69% 4PR 24AWG PVC 75 °C AS/NZS 3080 CAT 5E XXW/YYYY XXXM**
 (Note: xxx & yy indicates refer to page 2 of ordering reference)

Transmission parameters

.ITEM	ATT dB/100m	NEXT dB	RL dB	PS- NEXT dB	ELFEXT dB	PSELFEXT dB
MHz	Max.	Min.	Min.	Min.	Min.	Min.
1	2.0	65.3	20.0	62.3	64.0	61.0
4	4.1	56.3	23.0	53.3	52.0	49.0
8	5.8	51.8	24.5	48.8	45.9	42.9
10	6.5	50.3	25.0	47.3	44.0	41.0
16	8.2	47.2	25.0	44.2	39.9	36.9
20	9.3	45.8	25.0	42.8	38.0	35.0
25	10.4	44.3	24.3	41.3	36.0	33.0
31.25	11.7	42.9	23.6	39.9	34.1	31.1
62.5	17.0	38.4	21.5	35.4	28.1	25.1
100	22.0	35.3	20.1	32.3	24.0	21.0

Standards

- EIA/TIA 568.2-D
- ISO/IEC 11801-1 / ISO/IEC 11801-2
- EN 50173-1 / EN 50173-2
- AS/CA S008:2010+A1/2014 ACMA RCM Certification
- IEC 61935-2:2010 Ed. 3.0

Ordering Reference

Part Number

VK5E24GCM **xxx****yy**

xxx indicates cable length

100 for 100 meters

200 for 200 meters

305 for 305 meters

500 for 500 meters

Custom length is available

yy indicates cable jacket color

WE for White

BL for Black

GR for Green

BU for Blue

RD for Red

YL for Yellow

OR for Orange

GY for Grey

Custom color is available