

DGR25 Multi-Conductor - Category 5 Nonbonded-Pair Armored Cable

For more Information
please call

1-800-Belden1



General Description:

CAT5, 25-Pair, F/UTP-Armor shielded, Riser-CMR, Premise Backbone Cable, 24 AWG solid bare copper, polyolefin insulation, ALPLAST PVC jacket

Usage (Overall)

Suitable Applications: Multi-pair backbone cables for high-speed applications.

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
25	24	Solid	BC - Bare Copper

Total Number of Conductors: 50

Insulation

Insulation Material:

Insulation Material
PO - Polyolefin

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 0.685 in.

Pair

Pair Color Code Chart:

Number	Color
1	White/Blue
2	White/Orange
3	White/Green
4	White/Brown
5	White/Slate
6	Red/Blue
7	Red/Orange
8	Red/Green
9	Red/Brown
10	Red/Slate
11	Black/Blue
12	Black/Orange
13	Black/Green
14	Black/Brown
15	Black/Slate
16	Yellow/Blue
17	Yellow/Orange
18	Yellow/Green
19	Yellow/Brown
20	Yellow/Slate
21	Violet/Blue
22	Violet/Orange
23	Violet/Green
24	Violet/Brown
25	Violet/Slate

Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +60°C

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UL Temperature Rating:	60°C
Bulk Cable Weight:	281 lbs/1000 ft.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMR
CEC/C(UL) Specification:	CMR
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	08/19/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
Other Specification:	Meets or exceeds Category 5 transmission characteristics including the PowerSum Near End Crosstalk requirements from ANSI/TIA/EIA-568-A

Flame Test

UL Flame Test:	UL1666 Riser
C(UL) Flame Test:	FT4

Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)

Maximum Capacitance Unbalance (pF/100 m):	328
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Maximum Conductor DC Resistance:

DCR @ 20°C (Ohm/100 m)

9.380

Electrical Characteristics-Premise (Overall)

Premise Cable Electricals:

Freq. (MHz)	Max. Attenuation (dB/100 m)	Min. PSNEXT (dB)	Min. SRL (dB)	Fitted Imp. (Ohms)
.772	1.800	64		102 +/- 15%
1	2.100	62	23	100 +/- 15%
4	4.300	53	23	100 +/- 15%
8	5.900	48	23	100 +/- 15%
10	6.600	47	23	100 +/- 15%
16	8.200	44	23	100 +/- 15%
20	9.200	42	23	100 +/- 15%
25	10.500	41	22	100 +/- 15%
31.25	11.800	40	21	100 +/- 15%
62.5	17.100	35	18	100 +/- 15%
100	22.000	32	16	100 +/- 15%

Notes (Overall)

Notes: Jacket sequentially printed with dual footage and meter markings.

Reference (Overall)

Previous Part Number:	25500028
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Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
DGR25 008CUT	1 FT	0.000	GRAY		CAT5 25PR ARMOR CMR CUT

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