

CAT6A DIRECT BURIAL F/UTP (DUAL JACKET) WATERPROOF

SKU: 069-565/A/CMXT

Technical Data

Operating Temperature	-40~+60 °C
Installation Temperature	0~+50 °C
Rated Voltage	30V
Conductor	Solid Bare Copper
Size	23 AWG
Insulation	Three Pairs with HDPE One pair with Foam PE
Separator	HDPE
Rip Cord	Yes

Overall Screen

PET Tape and Aluminium poly laminate	0.4+/-0.01mm TC Drain Wire PVC (ROHS and IEC60332-1 flame rate)
Inner Jacket	7.3+/- 0.4 mm 0.5+/-0.1mm

Outer Jacket

Nominal Diameter	9.2+/- 0.5 mm
Nominal Thickness	0.65+/-0.1mm

Colors of Pairs

- Pair 1: Blue,White-Blue
- Pair 2: Orange,White-Orange
- Pair 3: Green,White-Green
- Pair 4: Brown,White-Brown

Mechanical Characteristics

Test Object	Jacket
Test Material	LLDPE
Before Tensile Strength (Mpa)	≥14.8
Aging Elongation (%)	≥100
Aging Condition (°Cxhrs)	100x240
After Tensile Strength (Mpa)	≥85% of unaged
Aging Elongation (%)	≥50% of unaged
Cold Bend (-40±2° Cx4hrs)	No Crack
Maxium Pulling Force	100 N
Minimum Bending Radius	8XOD

Marking on Jacket

VERTICAL CABLE c(ETL)us 5006092 CMX 75C F/UTP OUTDOOR DIRECT BURIAL UV LLDPE 4PR 23AWG CAT6A ANSI/TIA-568-C.2 RoHS V2034P11455 XXXXFT



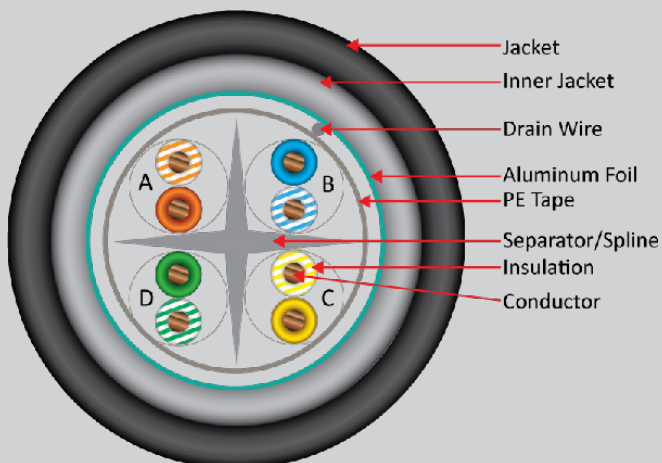
VERTICAL CABLE
Simply Connect.

DESCRIPTION

Category-6A F/UTP Outdoor, Direct Burial (UV), 23AWG Solid-Bare Copper.

FEATURES

- Category-6A with Overall Shield
- 23AWG Solid Copper Conductors
- Dual Jacket Direct Burial UV Rated
- 550MHz Bandwidth for Data Applications
- Ideal for 10G Networks up to 100 meters
- Exceeds ANSI/TIA-568C.2, ISO/IEC 11801
- ETL Listed, RoHS Compliant
- 1,000ft Wooden Spool



Compatible with 012-021 RJ45 connectors

VERTICAL CABLE

951.696.7772 California

800.749.2447 Florida

845.391.8318 New York



www.verticalcable.com

Rev. 09/2019

Specs subject to change without notice.

It is the sole responsibility of the user to have the most current specs.

CAT6A DIRECT BURIAL F/UTP (DUAL JACKET) WATERPROOF

PERFORMANCE

MECHANICAL CHARACTERISTICS:

Maximum Pulling Force	100 N
Minimum Bending Radius	8*OD
Nominal Weight	68 KG/KM
Operating Temperature	-40Deg C ~ +60 Deg C
Installation Temperature	+0Deg C ~ +50 Deg C

ELECTRICAL CHARACTERISTICS:

Transmission Frequency (MHz)	1	4	10	16	20	31.25	62.5	100	200	250	500
NEXT dB	74.3	65.3	59.3	56.2	54.8	51.9	47.4	44.3	39.8	38.3	33.8
Characteristic Impedance (ohm)	100+/- 15								+/- 22		+/- 25
Attenuation dB/100m	2.1	3.8	5.9	7.5	8.4	10.5	15.0	19.1	27.6	31.1	45.3
Return Loss dB	20	23	25	25	25	23.6	21.5	20.1	18	17.3	15.2
PSNEXT dB	72.3	63.3	57.3	54.2	52.8	49.9	45.4	42.3	37.8	36.3	31.8
ACRF dB	67.8	55.8	47.8	43.7	41.8	37.9	31.9	27.8	21.8	19.8	13.8
PS ACRF dB	64.8	52.8	44.8	40.7	38.8	34.9	28.9	24.8	18.8	16.8	10.8
PS ANEXT dB	92.5	83.5	77.5	74.4	73.0	70.1	65.6	62.5	58.0	56.5	52.0
PS AACRF dB	78.2	66.2	58.2	54.1	52.2	48.3	42.3	38.2	32.2	30.2	24.2
Delay ns/100m	570	552	545	543	542	540	539	538	537	536	536
Skew ns/100m	45										

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