

Part No.: 6DBFLD

## Cat 6 Flooded Poly Jacket

### Applications

Supports all category 6 applications including Ethernet 100BASE-TX, 100BASE-VG and 155 ATM. Particularly suited for high bandwidth applications such as 622 ATM, Wideband, Ethernet 1000BASE-T and emerging applications with anticipated data rates to 3.2 Gbps.

### Construction Details

No. 23 AWG copper conductor insulated with polyethylene. Two colored mated insulated conductors twisted together to form a pair and four pairs assembled to form a core. The core is flooded with a polyethylene jacket.

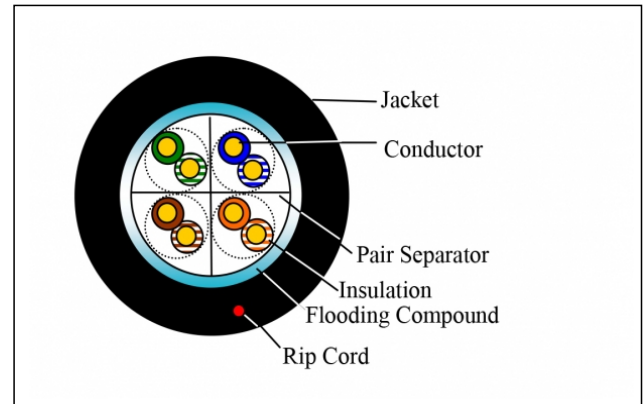
Pair:	Color Code:
1	Blue with White
2	Orange with White
3	Green with White
4	Brown with White

### Electricals

Mutual Capacitance: 14 pF/ft nominal  
 Capacitance Unbalance: 330 pF/ft maximum  
 Velocity of Propagation: 70%  
 Max. Conductor D.C.R.: 28.6 ohm/1000 feet  
 Max. DCR Unbalance: 5%  
 Max. Delay Skew: 45.0ns/100m  
 Characteristic Impedance: from 0.772 - 100 MHz  $100 \pm 15\%$   
 from 101 - 250 MHz  $101 \pm 22\%$

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### Technical Details

Temperature Rating  
 Installation: 0°C to 50°C  
 Operation: -10°C to 60°C  
 Nominal Diameter: 0.260 in.

### Standards

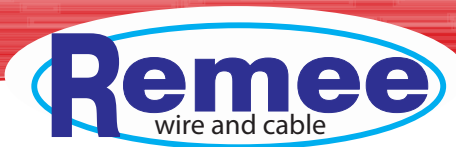
ANSI/TIA/EIA 568C.2 Category 6

### Preparation for Shipment

The cable shall be packaged to preclude the inducement of damage due to handling and transportation, and shall be in accordance with the best commercial practices available. Shipping containers shall be constructed as to eliminate any possible damage to the cables due to shipment.

### Warranty Info

All warranty information can be viewed at [www.remee.com](http://www.remee.com). This product is RoHS compliant and is directive 2002/95/EC. It is the sole responsibility of the user to have the most current specification. Specifications are subject to change without notice.



## Electrical Characteristics:

Frequency	Return Loss	Attenuation	NEXT	PS-NEXT	ELFEXT	PS-ELFEXT	ACR	PS-ACR
	dB	dB(100m)	dB	dB	dB	dB	dB	dB
MHz	Minimum	Maximum	Minimum	Minimum	Minimum	Minimum	Minimum	Minimum
1	20.0	2.0	80.3	78.3	73.8	70.8	78.3	76.3
4	23.0	3.8	71.3	69.3	61.8	58.8	67.5	65.5
10	25.0	6.0	65.3	63.3	53.8	50.8	59.3	57.3
16	25.0	7.6	62.2	60.2	49.7	46.7	54.6	52.6
20	25.0	8.5	60.8	58.8	47.8	44.8	52.3	50.3
31.25	23.6	10.7	57.9	55.9	43.9	40.9	47.2	45.2
62.5	21.5	15.4	53.4	51.4	37.9	34.9	38.0	36.0
100	20.1	19.8	50.3	48.3	33.8	30.8	30.5	28.5
200	18.0	29.0	45.8	43.8	27.8	24.8	16.8	14.9
250	17.3	32.8	44.3	42.3	25.8	22.8	11.5	9.5