

# 10GAIN XP CATEGORY 6A CMR

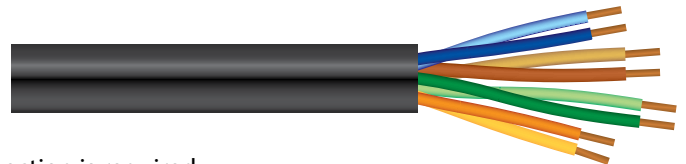
<b>Product Description</b>	10Gain XP with its non-conductive Isolation Wrap, is the first Category 6A cable without a continuous shield to offer 3 dB margin over Alien Crosstalk (AXT) performance requirements in ANSI/TIA/EIA-568-B.2-10. The uniquely designed Isolation Wrap contains discontinuous sections of metalized material, held in place by a polymeric layer. 10Gain XP fully complies with UL 444 requirements for an unshielded twisted pair product.		
<b>Conductor</b>	Solid annealed copper		
<b>Insulation</b>	Polyolefin		
<b>Insulation Colours</b>	Pair 1: ColorTip Light Blue, Blue	Pair 2: ColorTip Light Orange, Orange	
	Pair 3: ColorTip Light Green, Green	Pair 4: ColorTip Light Brown, Brown	
<b>Jacket</b>	Flame retardant PVC		
<b>Isolation wrap</b>	Proprietary construction		
<b>Approvals</b>	UL Verified CAT 6 UL 444 UL Listed CMR (UL 1666) ANSI/TIA/EIA-568-B.2 ANSI/TIA-568-C.2 RoHS-compliant		
<b>Applications</b>	10BASE-T and legacy applications 10BASE-T through 1000BASE-T Ethernet ATM and token ring Backward compatible to legacy protocols and applications.		
<b>Packaging</b>	X 1000 FT Plywood Reel		



Product Code	AWG	Pair Count	Nominal Diameter in (mm)	Approx. Weight lbs/kft (kg/km)	Jacket Colours
37ZX2404	23	4	0.30 (7.6)	47 (70)	Blue, Grey, White, Green, Yellow, Purple, Red, Orange

# OSP BROADBAND CATEGORY 6

<b>Product Description</b>	BBD6 is an Outside Plant Unshielded Broadband Category 6 cable. BBD6 has guaranteed transmission performance out to 250 MHz. The cable consists of a core of four balanced twisted pairs held in place by a cross-web separator and surrounded by a filling compound to prevent water ingress. The core is jacketed with a sunlight and abrasion resistant black polyethylene outer jacket.		
<b>Conductor</b>	Solid annealed copper		
<b>Insulation</b>	Polyolefin		
<b>Insulation Colours</b>	Pair 1: ColorTip Light Blue, Blue	Pair 2: ColorTip Light Orange, Orange	
	Pair 3: ColorTip Light Green, Green	Pair 4: ColorTip Light Brown, Brown	
<b>Jacket</b>	Black, sunlight and weather resistant polyethylene		
<b>Shield</b>	BBD6: Unshielded BBDG6: Electrically continuous 0.13 mm corrugated copper-clad armour, applied with an overlap shield		
<b>Approvals</b>	ANSI/TIA/EIA-568-B.2 ANSI/TIA-568-C.2 ANSI/ICEA S-107-704-2006 RoHS-compliant		
<b>Applications</b>	10BASE-T through 1000BASE-T ethernet Direct burial where additional mechanical protection is required.		
<b>Packaging</b>	Cut to length		



Product Code	Type	AWG	Pair Count	Shield	Nominal Diameter in (mm)	Nominal Impedance (ohms)	Nominal Velocity of Prop. (%)	Approx. Weight lbs/kft (kg/km)
37ID2404	BBD6	23	4	None	0.30 (7.6)	100 ± 15	57	39 (58)
37IF2404	BBDG6	23	4	Copper Clad	0.40 N(10)	100 ± 15	57	40 (119)