10GAIN XP CATEGORY 6A CMR

Product10Gain 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.

Conductor Solid annealed copper

Insulation Polyolefin

InsulationPair 1: ColorTip Light Blue, BluePair 2: ColorTip Light Orange, OrangeColoursPair 3: ColorTip Light Green, GreenPair 4: ColorTip Light Brown, Brown

JacketFlame retardant PVCIsolation wrapProprietary constructionApprovalsUL Verified CAT 6

UL 444

UL Listed CMR (UL 1666) ANSI/TIA/EIA-568-B.2 ANSI/TIA-568-C.2 RoHS-compliant

Applications 10BASE-T and legacy applications 10BASE-T through 1000BASE-T Ethernet

ATM and token ring

Backward compatible to legacy protocols and applications.

Packaging 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

ProductBBD6 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

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.

Conductor Solid annealed copper

Insulation Polyolefin

InsulationPair 1: ColorTip Light Blue, BluePair 2: ColorTip Light Orange, OrangeColoursPair 3: ColorTip Light Green, GreenPair 4: ColorTip Light Brown, Brown

Jacket Black, sunlight and weather resistant polyethylene

Shield BBD6: Unshielded

BBDG6: Electrically continuous 0.13 mm corrugated copper-clad armour, applied with an overlap shield

Approvals ANSI/TIA/EIA-568-B.2

ANSI/TIA-568-C.2

ANSI/ICEA S-107-704-2006

RoHS-compliant

Applications 10BASE-T through 1000BASE-T ethernet

Direct burial where additional mechanical protection is required.

Packaging Cut to length

Product Code	Туре	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)

