

TEMPERATURE INCREASE AND POWER EFFICIENCY
for a Bundle of 100 Cables with 100W Injected

Temperature Rise in a 100-Cable Bundle	Power Efficiency on 100m at Max Temp
8.2°C	82.8% at 53.2°C

Specifications

- Reduced Diameter Jacket (Plenum) 0.250 O.D.; (Riser) 0.275 O.D.
- Sweep tested to 750MHz
- Conductor: 23 AWG solid bare copper
- 7dB alien crosstalk headroom

Standards

- UL Verified TIA 568.2-D Category 6A cable
- ISO 11801 Class E_A Category 6A cable
- UL Listed CMP-LP: 0.6A; CMR-LP: 0.5A
- IEEE 802.3af (PoE), IEEE 802.3at (PoE+), IEEE 802.3bt (4PPoE Type 3 and 4)
- 10BASE-T through IEEE 802.3an 10GBASE-T Ethernet

NEXTSPEED® Ascent Category 6A Reduced Diameter (RD) Cable, 1000 Feet

NVP: Plenum 71%, Riser 66%

Color	Plenum		Riser	
	Reel in a Box	Spool	Reel in a Box	Spool
Black	C6ASPDSBK	C6ASPPDSBK	C6ASRDSBK	C6ASPRDSBK
Blue	C6ASPDSB	C6ASPPDSB	C6ASRDSB	C6ASPRDSB
Gray	C6ASPDSGY	C6ASPPDSGY	C6ASRDSGY	C6ASPRDSGY
Green	C6ASPDSGN	C6ASPPDSGN	C6ASRDSGN	C6ASPRDSGN
Orange	C6ASPDSOR	C6ASPPDSOR	C6ASRDSOR	C6ASPRDSOR
Purple	C6ASPDS P	C6ASPPDS P	C6ASRDS P	C6ASPRDS P
Red	C6ASPDSR	C6ASPPDSR	C6ASRDSR	C6ASPRDSR
White	C6ASPDSW	C6ASPPDSW	C6ASRDSW	C6ASPRDSW
Yellow	C6ASPDSY	C6ASPPDSY	C6ASRDSY	C6ASPRDSY



Specifications



- Application: third party qualified for 10 Gigabit Ethernet transmission IEEE 802.3an
- Qualified up to IEEE 802.3bt
- Outer jacket nominal O.D.: 0.310 max
- Conductor: 23 AWG solid bare copper

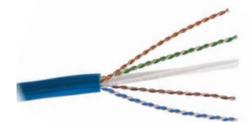
Standards

- UL Verified TIA 568.2-D Category 6A cable
- ISO 11801 Class E_A Category 6A cable
- UL Listed

NEXTSPEED® Ascent Category 6A UTP Cable

NVP: Plenum 71%, Riser 68%

Color	Plenum Spool		Riser Spool	
	Reel in a Box	Spool	Reel in a Box	Spool
Black	C6ASPBK	C6ASRBK	C6ASRBK	C6ASRBK
Blue	C6ASPB	C6ASRB	C6ASRB	C6ASRB
Gray	C6ASPGY	C6ASRGY	C6ASRGY	C6ASRGY
Green	C6ASPGN	C6ASRGN	C6ASRGN	C6ASRGN
Orange	C6ASPOR	C6ASROR	C6ASROR	C6ASROR
Purple	C6ASPP	C6ASRP	C6ASRP	C6ASRP
White	C6ASPW	C6ASRW	C6ASRW	C6ASRW
Yellow	C6ASPY	C6ASRY	C6ASRY	C6ASRY



See color chart on page B2