



**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 EA 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	C6ASPPDSP	C6ASRDSP	C6ASPRDSP
Red	C6ASPDSR	C6ASPPDSR	C6ASRDSR	C6ASPRDSR
White	C6ASPDSW	C6ASPPDSW	C6ASRDSW	C6ASPRDSW
Yellow	C6ASPDSY	C6ASPPDSY	C6ASRDSY	C6ASPRDSY



Note: See color chart on page B02.