

# NEXTSPEED® Cable Ascent Category 6A Reduced Diameter Cable

# HUBBELL

## Features

- Reduced Diameter Jacket (Plenum) .275 O.D.
- Third Party Verified Category 6 Component Compliant
- +7dB Alien Crosstalk Headroom Above Standards
- High Power PoE (4PPoE) Ready
- Easy to pull, standard, round jacketed cable



## Ordering Information

| Description                                                                              | Color  | Catalog No. | UPC          |
|------------------------------------------------------------------------------------------|--------|-------------|--------------|
| NEXTSPEED® Ascent<br>Category 6A Reduced<br>Diameter (RD) Cable,<br>Riser Spool (1000ft) | Orange | C6ASRDSOR   | 662620656595 |

## Listings

ANSI/TIA-568-C.2 and 150 / IEC 11801 component compliance  
IEEE 802 .3af (PoE), IEEE 802.3at (PoE+)  
IEEE 802 .3bt (4PPoE Type 3 and 4)  
10BASE-T through 10GBASE-T Ethernet  
NEC Article 800 compliant  
Third party verified  
UL/c(UL) Listed, LP Listed for product safety in high heat/high power PoE applications  
HDBASE-T Certified  
RoHS/ RoHS 2 compliant

## Specifications

**Conductor:** 23 AWG solid bare copper

**Insulation:** CMP: FEP, CMR: thermoplastic

### Pairing

- 1: White/ Blue
- 2: White/ Orange
- 3: White/ Green
- 4: White/ Brown

### Jacket

- CMP and CMP-LP: 0.6A, FR, low-smoke PVC
- CMR and CMR-LP: 0.5A, FR PVC

### NVP

- CMP: 71
- CMR: 66

**Temperature Rise in a 100-Cable Bundle:** 8.2°C

**Power Efficiency on 100m at Max Temp:** 82.8% at 53.2°C

## Applications

High-performance/ high-power PoE applications  
Data centers 10GbE between devices  
AV applications up to 100m

