# Category 3 / Indoor / 100 Pairs / 24 AWG / CMR / Gray / Cut to Length

**Part Number:** 18-789-33
**Status:** Available







MADE IN THE USA

RoHS

## GENERAL SPECIFICATIONS

| | |
|---|---|
| **Jacket** | PVC |
| **End User Application** | LAN |
| **Pairs** | 100 |
| **Conductor** | Bare Copper |
| **Conductor Type** | Solid |
| **Conductor Description** | Solid annealed copper |
| **Conductor Count** | 200 |
| **AWG (mm)** | 24 (0.51) |
| **Insulation** | PVC |
| **Characteristic Impedance (Ohms)** | 100 ± 15 |
| **Temperature Rating** | 60°C |

## COMPLIANCE & SUSTAINABILITY

| | |
|---|---|
| **Standards Compliance** | UL 444<br>CSA C22.2 No. 214-08<br>UL 1666<br>NFPA 262<br>ANSI/TIA-568.2-E |

## COMPLIANCE & SUSTAINABILITY

| | |
|---|---|
| | ANSI/ICEA S-90-661-2012<br>Article 800, NEC (NFPA 70)<br>RoHS-compliant/RoHS 2-compliant |
| **NRTL Programs** | UL, c(UL) Listed CMR |

## PHYSICAL CHARACTERISTICS

| | |
|---|---|
| **Nominal Diameter in (mm)** | 0.85 (21.6) |
| **Nominal Weight lbs/kft (kg/km)** | 361 (538) |
| **Package Type** | Cut to Length |

## Product Description

The ideal choice for LAN transmission with specified bandwidth up to 16 MHz. These cables are used for voice and data communications and can handle application bandwidths up to 16 MHz. Other uses for these cables include indoor use on customer premises for the interconnection of telephone key systems, PBX and intercom systems. Product is offered for both plenum (CMP) and riser (CMR) applications. Part number 18-789-33 is the riser-rated (CMR) gray version: a 100-pair, 24 AWG UTP construction with solid annealed copper conductors, PVC insulation and a PVC jacket. Nominal diameter is 0.85 (21.6) in (mm) with an approximate weight of 361 (538) lbs/kft (kg/km), supplied in a Cut to Length.

## Applications

- 4 Mbps token ring (IEEE 802.5)
- Analog voice
- 10 Mbps 10BASE-T Ethernet (IEEE 802.3)
- Telecommunications closet wiring

## Features

- CMR constructions use extremely flexible, FR-PVC jacket
- Jacket color options

## Benefits

- Easier and less time-consuming installations, no kinking of outer jacket
- Improves backbone sub-system identification, reduces labor and mistakes

***Technical Guideline***

*Technical Guideline TG029 "Premises Cable Temperature Guidelines" provides operating, storage and installation temperature ranges for premises cables. Click here for more information.*

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