



Industrial Ethernet CAT5e cables with PUR jacket for dynamic applications, shielded, oil resistant, flame retardant

STANDARDS

Producto UL and CSA approval

APPLICATIONS

Bus cables for dynamic applications

Normative references

UL AWM Listed 80°C 30V

Flame resistance

IEC 60332.1

CONTACT

Market information
industryprojects.business@lynxogroup.com



Temp. ambiente de utilización
 -20 ... 80 °C



Temperatura de almacenamiento (rango)
 -40 ... 80 °C



Resistencia a aceites
 EN 50363-10-2



No propagación de la llama
 IEC/EN 60332-1-2; FT1; UL 1581 FT1

CHARACTERISTICS

Características de construcción

| | |
|------------------------|----------------------------------|
| Material del conductor | Cobre desnudo |
| Aislamiento | Polyolefin |
| Taping | Aluminium / Polyester tape |
| Shielding | 75% tinned copper braid coverage |
| Cubierta exterior | PUR |

Características dimensionales

| | |
|--------------------|----------|
| Contenido de cobre | 21 kg/km |
|--------------------|----------|

Características eléctricas

| | |
|---------------------------------|---------|
| Rated Voltage U _o /U | 300 V |
| Test voltage | 1500 V |
| Impedancia característica | 100 Ohm |

Características de transmisión

| | |
|---------------------------------|---------------|
| Attenuation at 1 MHz | 3,2 dB/100m |
| Attenuation at 4 MHz | 6,5 dB/100m |
| Atenuación máxima a 10 MHz | 9.9 dB/100m |
| Attenuation at 16 MHz | 12,3 dB/100m |
| Atenuación máxima a 20 MHz | 13.8 dB/100m |
| Atenuación máxima a 31,25 MHz | 17,7 dB/100m |
| Atenuación máxima a 62,5 MHz | 25,7 dB/100m |
| Atenuación máxima a 100 MHz | 33,00 dB/100m |
| Near End Cross Talk @ 1 MHz | 62 dB |
| Near End Cross Talk @ 4 MHz | 53 dB |
| Near End Cross Talk @ 10 MHz | 47 dB |
| Near End Cross Talk @ 16 MHz | 44 dB |
| Near End Cross Talk @ 20 MHz | 42 dB |
| Near End Cross Talk @ 31.25 MHz | 40 dB |
| Near End Cross Talk @ 62.50 MHz | 35 dB |
| Near End Cross Talk @ 100 MHz | 32 dB |

Características mecánicas

| | |
|----------------|--------|
| Bending cycles | 1 Mio. |
|----------------|--------|

Características de uso

| | |
|---------------------------------------------|------------------------------------|
| Campo de aplicación | Dynamic |
| Minimum dynamic operating bending radius | 7,5 (xD) |
| Temperatura ambiente de utilización (rango) | -20 ... 80 °C |
| Temperatura de almacenamiento (rango) | -40 ... 80 °C |
| Resistencia a aceites | EN 50363-10-2 |
| No propagación de la llama | IEC/EN 60332-1-2; FT1; UL 1581 FT1 |

PRODUCT LIST

| Reference | Country Ref. | Name | Insulation colour | Color de cubierta | Diámetro exterior nominal [mm] |
|------------|-----------------|---------------------------------|-------------------------------------------------------------------------------|--------------------|--------------------------------|
| 🏠 10553010 | 13-DRS24P04P-W1 | CAT 5E - (4x2xAWG24)C | 1°: Wht+Gry; 2°: Blu+Pnk; 3°: Or+Yel; 4°: Brn+Vlt | Violet RAL 4001 | 7,2 |
| 🏠 10553013 | 13-DRS26P04P-V1 | CAT 5E (4x2xAWG26/7)C | 1°: Bl + Wht/Bl; 2°: Or + Wht/ Or; 3°: Grn + Wht/Grn; 4°: Brn + Wht/Brn | Green RAL 6018 | 6,6 |
| ☎ 10553011 | 13-DRS24P04P-W2 | CAT 5E (4x2xAWG24/7) - W2 | 1°: Bl + Wht/Bl; 2°: Or + Wht/ Or; 3°: Grn + Wht/Grn; 4°: Brn + Wht/Brn | Violet RAL 4001 | 7,2 |

☎ = Make to order, 🏠 = In stock,