














### HIGH EFFICIENCY







### VISTA IN SEZIONE SECTION VIEW

### CARATTERISTICHE TECNICHE TECHNICAL FEATURES

|   |  |   |
|---|--|---|
|    | <b>CONDUTTORE</b><br>CONDUCTOR                       | Rame nudo extraflessibile<br>Bare copper wire extraflessibile   |
|    | <b>ISOLAMENTO</b><br>INSULATION                      | Foam skin polietilene<br>Foam skin polietilene  |
|    | <b>COLORAZIONE CONDUTTORI</b><br>CORES COLORATION    | 2x2xAWG24<br>Bianco-arancio / arancio<br>White-orange / orange<br>Bianco-verde / verde<br>White-green / green   |
|   | <b>CORDATURA</b><br>STRANDING                        | 4x2xAWG24<br>Bianco-blu / blu<br>White-blue / blue<br>Bianco-arancio / arancio<br>White-orange / orange<br>Bianco-verde / verde<br>White-green / green<br>Bianco-marrone / marrone<br>White-brown / brown |
|  | <b>SEPARATORE</b><br>WRAPPING                        | Conduttori twistati a coppie<br>Cores twisted to pair   |
|  | <b>SCHERMATURA</b><br>SHIELD                         | Tessuto non tessuto<br>Non-woven tape   |
|  | <b>GUAINA ESTERNA</b><br>OUTER SHEATH                | Nastro di alluminio/poliestere +<br>treccia di rame stagnato, copertura 85%<br>Aluminium/polyestere tape +<br>tinned copper braid, coverage 85%   |
|  | <b>TENSIONE NOMINALE</b><br>NOMINAL VOLTAGE          | 2 x 2 x AWG24:<br>Halogen free PUR colore verde<br>Halogen free PUR colour green<br>4 x 2 x AWG24:<br>Halogen free PUR colore viola<br>Halogen free PUR colour violet                                     |
|  | <b>TEMPERATURE DI ESERCIZIO</b><br>TEMPERATURE RANGE | <b>300 V</b>  |
|  | <b>TEMPERATURE DI ESERCIZIO</b><br>TEMPERATURE RANGE | Posa mobile/Dynamic installation:<br>- 5° C / + 70° C   |
|  | <b>RAGGIO DI CURVATURA</b><br>BENDING RADIUS         | Posa mobile/Dynamic installation<br>12 x $\varnothing$  |
|  | <b>VELOCITÀ</b><br>SPEED                             | Autoportante: 4 m/sec.<br>Unsupported: 4 m/sec.   |
|  | <b>ACCELERAZIONE</b><br>ACCELERATION                 | 4 m/s <sup>2</sup>  |

## CAVI POSA MOBILE | DYNAMIC INSTALLATION CABLES

NORMATIVE  
NORMS

|   |  |   |   |
|---|--|---|---|
|  <b>COMPORTAMENTO AL FUOCO</b><br>FIRE PERFORMANCE | Acc. IEC 60332-1 Std,<br>UL 1581 CSA FT2 |  <b>OIL RESISTANT</b><br>OIL RESISTANT     | Acc. IEC 60811-2-1, ASTM<br>IRM 901 e ICEA S-82-552<br>Std req. |
|  <b>UV RESISTANT</b><br>UV RESISTANT               | Acc. UL 1581                             |  <b>OZONE RESISTANT</b><br>OZONE RESISTANT | Acc. VDE 0472 par. 1 Std.                                       |
| <b>RESISTENTE AI MICROBI</b><br>MICROBE RESISTANT   | Acc. VDE 0282/10 Std.                    | <b>RESISTENTE AI FANGHI</b><br>MUD RESISTANT  | NEK 606 Std.  |
| <b>TEST CONTENUTO ALOGENI</b><br>HALOGEN CONTENT TEST   | IEC 60754-1 e EN 50267-2 -1              |   |   |

**RIFERIMENTI STANDARD | STANDARD REFERENCE**  
STYLE 10532 300V 80°C | AWM STYLE 21161 300V 80°C

CARATTERISTICHE ELETTRICHE E DI TRASMISSIONE A 20° C  
ELECTRICAL AND TRANSMISSION PROPERTIES 20° C

|   |   |
|---|---|
| <b>MAX DC RESISTENZA ELETTRICA DEI CONDUTTORI</b><br>MAX DC ELECTRICAL CONDUCTOR RESISTANCE | 94,2 Ohm/km   |
| <b>IMPEDENZA</b><br>IMPEDANCE   | 90 Ohm (1±100 MHz)  |
| <b>CAPACITÀ</b><br>CAPACITANCE  | 50 pF/m   |
| <b>MASSIMA ATTENUAZIONE</b><br>MAX ATTENUATION  | 3,2 DB/100m @ 1 MHz<br>6 DB/100m @ 4 MHz<br>9,5 DB/100m @ 10 MHz<br>12,1 DB/100m @16 MHz<br>13,6 DB/100m @ 20 MHz |

MARCATURA  
MARKING

CE SADACAVI® SPA SADADATA® INDUSTRIAL ETHERNET PUR 2X2X24AWG 30V 80°C UL/CSA AWM STYLE 21161 E497920 cURus AWM I/II A/B FT2 300V 80°C - lotto - anno - metrica - Made in Italy  
 CE SADACAVI® SPA SADADATA® INDUSTRIAL ETHERNET PUR 4X2X24AWG 30V 80°C UL/CSA AWM STYLE 21161 E497920 cURus AWM I/II A/B FT2 300V 80°C - lotto - anno - metrica - Made in Italy  
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USO  
USE

Cavi per trasmissione dati per posa fissa o mobile a norme UL/CSA per impiego Industrial Ethernet. Adatto all'utilizzo in condizioni gravose e dove sono richiesti requisiti meccanici e prestazioni elevate. Alta resistenza a oli industriali. UV Resistant.

Transmission cables for fixed or dynamic installation UL/CSA compliant, Industrial Ethernet application. Suitable for use in hard conditions and where mechanical requirements and high performance are required. High resistance to the main industrial oils. UV Resistant.

| CODICE<br>CODE       | FORMAZIONE<br>SIZE (MM) | AWG | DIAMETRO ESTERNO<br>OVERALL DIAMETER (MM) | PESO<br>WEIGHT (KG/KM) |
|----------------------|-------------------------|-----|---|------------------------|
| NTBPURC5E2X2XAWG24VE | 2 x 2 x 0,22            | 24  | 6,10 (± 0,2 mm)                           | 50                     |
| NTBPURC5EVIOLAAGW24  | 4 x 2 x 0,22            | 24  | 7,20 (± 0,2 mm)                           | 75                     |