

7528A5314-0 ✓ ACTIVE

RAYCHEM

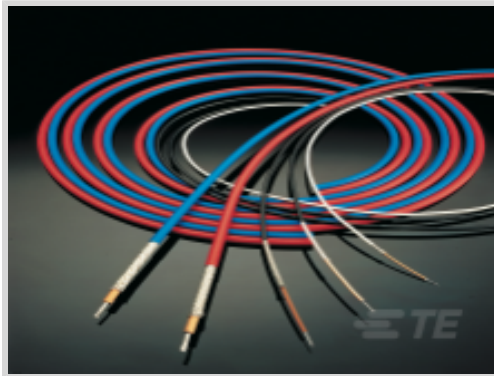
TE Internal #: 430079-000

High Speed Digital & Data Cable, Cheminax, 75 Ω, 28 AWG Wire Size, Operating Temperature Range -65 – 125 °C [-85 – 257 °F]

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Wire & Cable > High Speed Digital & Data Cable



Cable Type: **Cheminax**

Impedance: **75 Ω**

Wire Size: **28 AWG**

Operating Temperature Range: **-65 – 125 °C [-85 – 257 °F]**

Features

Product Type Features

| | |
|-------------|---------------|
| Cable Style | Round Braided |
|-------------|---------------|

Electrical Characteristics

| | |
|--|------------|
| | 17.8 pF/ft |
|--|------------|

| | |
|-----------|------|
| Impedance | 75 Ω |
|-----------|------|

Signal Characteristics

| | |
|-------------------------|------|
| Velocity of Propagation | 76 % |
|-------------------------|------|

Body Features

| | |
|-------------|--------|
| Shield Type | Double |
|-------------|--------|

| | |
|-------------|-------|
| Cable Color | Black |
|-------------|-------|

| | |
|-------------------------|-----|
| Shield Plating Material | Tin |
|-------------------------|-----|

| | |
|-----------------|--------|
| Shield Material | Copper |
|-----------------|--------|

| | |
|-----------------|-------------|
| Jacket Material | Thermorad S |
|-----------------|-------------|

| | |
|--------------------|------------------------------------|
| Conductor Material | Silver-Plated High Strength Copper |
|--------------------|------------------------------------|

Dimensions

| | |
|---------------------------|------------------|
| Cable Dielectric Diameter | 1.65 mm[.065 in] |
|---------------------------|------------------|

| | |
|------------------------|------------------|
| Outside Cable Diameter | 3.53 mm[.139 in] |
|------------------------|------------------|

| | |
|--------------------------|-----------------|
| Conductor Diameter Range | .38 mm[.015 in] |
|--------------------------|-----------------|

| | |
|-----------|--------|
| Wire Size | 28 AWG |
|-----------|--------|



Usage Conditions

| | |
|-----------------------------|----------------------------|
| Cable Type | Cheminax |
| Operating Temperature Range | -65 – 125 °C[-85 – 257 °F] |

Other

| | |
|---------------------|-----------|
| Dielectric Material | Rayfoam L |
|---------------------|-----------|

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

| | |
|---|--|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC |
| Halogen Content | Out of Scope - excluded from Halogen requirements |
| Solder Process Capability | Not applicable for solder process capability |

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



Customers Also Bought



Documents

[Product Specifications](#)

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English