



2001-08-02

PRODUKTINFORMATION

Vi reserverar oss mot fel samt förbehåller oss rätten till ändringar utan föregående meddelande

ELFA artikelnr

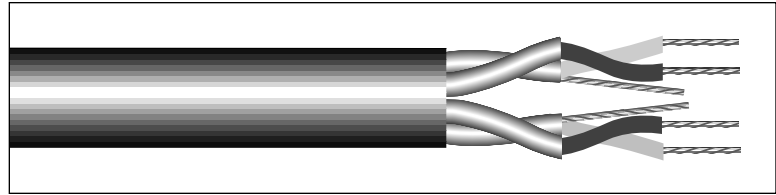
| | | |
|------------------|------------------------------|--------------|
| 55-751-70 | Datakabel 2 par skärm | 6072C |
| 55-751-88 | Datakabel 3 par skärm | 6073C |
| 55-751-96 | Datakabel 6 par skärm | 6076C |

LOCAL AREA NETWORK

ALPHA-BYTE™ DATA CABLES MULTIPAIR FOIL SHIELDED, CELLULAR PP/PVC

30 VOLT, 60°C
UL 2490, 2493, 2668
CSA PCC FT4

Alpha-Byte™ Low Capacitance Data Cables. As today's computer's become faster and more powerful, the need for cables with improved transmission characteristics becomes even more critical. In keeping pace with new computer technology, Alpha Wire has expanded its data cable line to include specialized cable for low capacitance, extended distance transmission. With its unique structure, the Alpha-Byte™ line enables cable pairs to exhibit a lower dielectric constant – a key electrical characteristic resulting in less loss, lower signal distortion and higher transmission speeds. Suitable for use with EIA RS-232C, RS-422, RS-423, RS-449 interfaces.



INDIVIDUALLY SHIELDED, UL 2490, 2493, TYPE CM 24 AWG (0,23mm²), 7/32 (7x0,20mm), Insulation Thickness: 0.023" (0,58mm)

| Alpha Part No. | No. of Pairs | Jacket Thickness Inches | Jacket Thickness mm | Diameter Inches | Diameter mm | UL Style No. |
|----------------|--------------|-------------------------|---------------------|-----------------|-------------|--------------|
| 6073C | 3 | 0.048 | 1,22 | 0.37 | 9,4 | 2493 |
| 6076C | 6 | 0.048 | 1,22 | 0.48 | 12,2 | 2493 |
| 6079C | 9 | 0.065 | 1,65 | 0.59 | 15,0 | 2493 |
| 6079/11C | 11 | 0.065 | 1,65 | 0.64 | 16,2 | 2493 |
| 6079/12C | 12 | 0.065 | 1,65 | 0.66 | 16,8 | 2493 |
| 6079/15C | 15 | 0.065 | 1,65 | 0.72 | 18,3 | 2493 |
| 6079/27C | 27 | 0.087 | 2,21 | 0.95 | 24,1 | 2490 |

ALPHA-BYTE™ APPLICATIONS:

- Precision Audio, Pulse or RF Signal Transmission Where Low Distortion and High Speed Data Rates are Required
- External Interconnection of Computer or Electronic Point-Of-Sale Equipment in Areas Where High Levels of Noise Interference are Anticipated

CHARACTERISTICS

OPERATING TEMPERATURE:

- -20°C to 60°C – AWM
- 75°C – CM

VOLTAGE RATING:

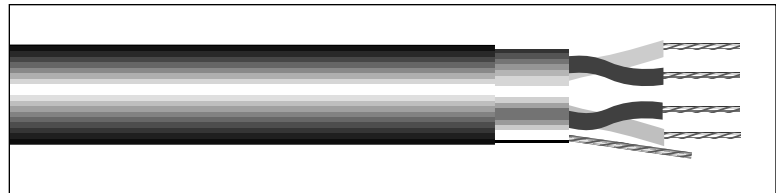
- 30 Volt – AWM
- 300 Volt – CM

COLOR DESCRIPTION:

- Color Code: Black/Yellow, Pink/Blue
- Jacket Color: Gray
- *Part No. 6072C has a Black Jacket

PRODUCT DESCRIPTION:

- Conductor: Stranded or Solid Tinned Copper
- Insulation: Color-Coded Cellular Polypropylene (PP)
- Shield: Aluminum/Polyester, Foil Facing Inward
- Drain Wire: Stranded Tinned Copper
- Jacket: Premium PVC



OVERALL SHIELDED, UL 2668, TYPE CM 22 AWG (0,32mm²), Solid, Insulation Thickness: 0.023" (0,58mm)

| Alpha Part No. | No. of Pairs | Jacket Thickness Inches | Jacket Thickness mm | Diameter Inches | Diameter mm | UL Style No. |
|----------------|--------------|-------------------------|---------------------|-----------------|-------------|--------------|
| 6072C* | 2 | 0.035 | 0,89 | 0.42 | 10,6 | 2668 |

SPECIFICATIONS

- UL Type CM, AWM 2490, 2493, 2668
CSA CMG FT4

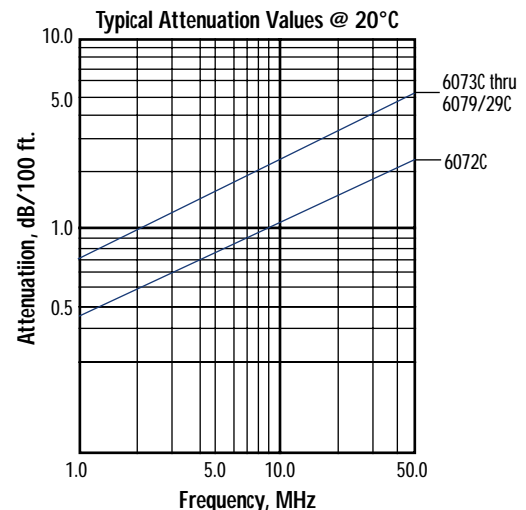


AVAILABILITY

- See Page 275 for available put-ups

TYPICAL ELECTRICAL CHARACTERISTICS

| Alpha Part No. | Capacitance | | Vp. % | Z ₀ @ 1 Mhz, Ohms |
|---------------------|---------------------------|-------------------------------------|-------|------------------------------|
| | cdr. to cdr. pF/ft (pF/m) | cdr. to (cdr. & shield) pF/ft (pFm) | | |
| 6072C | 8.7 (28,5) | 15,9 (52,2) | 80 | 150 |
| 6073C thru 6079/27C | 12.5 (41,0) | 22.0 (72,5) | 80 | 100 |



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