

# COMMUNICATION & CONTROL

## MULTIPAIR DATA CABLES, INDIVIDUALLY SHIELDED

### PP/PVC & INDIVIDUALLY AND OVERALL SHIELD

UL TYPE CM  
UL 2717  
CSA CMG FT4  
300 VOLT

### APPLICATIONS

- Audio, Pulse or RF Signal Transmission
- Computer or Electronic Peripheral Interconnectors  
Where High Levels of Noise Interference Are Anticipated
- Banking Systems

### CHARACTERISTICS

#### OPERATING TEMPERATURE:

- -20°C to 80°C – AWM
- 75°C – CM

#### VOLTAGE RATING:

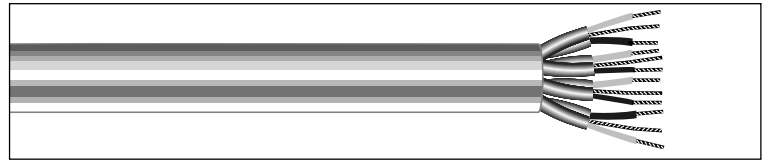
- 400 Volt
- 300 Volt – CM

#### COLOR DESCRIPTION:

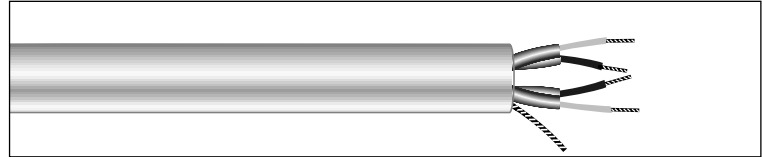
- Color Code: Part No. 2463C, 2466C, 2467C (Red and Black, Green and White, White/Red and White/Black, White/Green and White/Yellow)  
Part No. 1243/2C Red/Black, Green/White
- Jacket Color: Gray

#### PRODUCT DESCRIPTION:

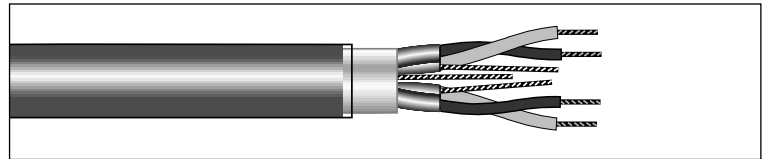
- Conductor: Stranded Tinned Copper
- Insulation: Color-Coded High Density Polypropylene (PP)
- Shield: Aluminum/Polyester
- Drain Wire: Stranded Tinned Copper Each Pair  
Part No. 2463C and 2466C Have a Common Drain Wire
- Jacket: PVC



ALPHA PART NO. 2467C



ALPHA PART NO. 2466C



ALPHA PART NO. 1243/2C

### SPECIFICATIONS

- UL Type CM
- UL AWM 2717 (Part No. 1243/2C)
- CSA CMG FT4



### AVAILABILITY

- 100 ft (30,5m), 500 ft (152m), 1000 ft (305m) put-ups  
Contact Alpha for Alpha Qwik-Reel® payout package availability

#### TYPICAL ELECTRICAL CHARACTERISTICS

Alpha Part No.	Capacitance				Z <sub>0</sub> , @ 1 MHz, Ohms
	Cdr. To Cdr. pF/ft	Cdr. To Cdr. pF/m	Cdr. To Cdr. & Shield pF/ft	Cdr. To Cdr. & Shield pF/m	
2466C/1243/2C	25	82	51	167	58
2467C	24	72	44	144	66

#### MULTIPAIR INDIVIDUALLY SHIELDED

Alpha Part No.	AWG	Conductor		Insul. Thickness mm	No. of Pairs	Jacket Thickness		Diameter			
		mm <sup>2</sup>	Strand			Inches	mm	Inches	mm		
2463C	22	0,36	7/30	7 x 0,25	4	0.008	0,20	0.019	0,48	0.23	5,9
2466C	22	0,36	7/30	7 x 0,25	2	0.008	0,20	0.019	0,48	0.16	4,1
2467C	20	0,56	7/28	7 x 0,35	4	0.015	0,38	0.030	0,76	0.34	8,7

#### TWO PAIR INDIVIDUALLY AND OVERALL SHIELDED

Alpha Part No.	AWG	Conductor		Insulation Thickness mm	Jacket Thickness Inches	Jacket Thickness		Diameter		
		mm <sup>2</sup>	Strand			Inches	mm	Inches	mm	
1243/2C	22	0,36	7/30	7 x 0,25	0.008	0,20	0.030	0,76	0.20	5,1



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