

# Multi-Conductor, Foil Shield

UL 2464, NEC/CEC Type CM or CMR, CMG UL/CSA



**Product Construction:**

**Conductor:**

- 22 or 20 AWG fully annealed stranded tinned copper per ASTM B33

**Insulation:**

- Premium-grade, color-coded PVC
- Color code: See chart below

**Shield:**

- 100% Flexfoil® aluminum/polyester with 25% overlap, minimum, foil facing out
- Stranded tinned copper drain wire

**Jacket:**

- PVC, gray
- Temperature range: -20°C to +105°C

**Applications:**

- Computer interconnections
- Data transmission
- Control circuits
- Industrial equipment control
- Suitable for EIA RS-232 applications
- Suggested voltage rating: 300 volts

**Compliances:**

- NEC Article 800 Type CM - 20 AWG (UL: 105°C)
- NEC Article 800 Type CMR - 20 AWG (UL: 105°C)
- UL Style 2464 (UL: 80°C, 300 V)
- CSA CMG (CSA: 105°C)
- RoHS Compliant Directive 2015/863/EU (RoHS-3)
- Passes CSA CMG Flame Test

**Packaging:**

- Please contact Customer Service for packaging and color options

CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOMINAL INSULATION THICKNESS		NOMINAL JACKET THICKNESS		NOMINAL O.D.		NOMINAL DCR @20°C		NOMINAL CAP.*	
				in	mm	in	mm	in	mm	COND.	SHLD.	A	B

**PVC - CMR (UL) c(UL)**

<b>C0760A</b>	2	22	7/30	0.010	0.25	0.032	0.81	0.169	4.29	16.5	6.3	36.0	65.0
<b>C0761A</b>	3	22	7/30	0.010	0.25	0.032	0.81	0.177	4.50	16.5	6.3	36.0	65.0
<b>C0762A</b>	4	22	7/30	0.010	0.25	0.032	0.81	0.190	4.83	16.5	6.3	36.0	65.0
<b>C0763A</b>	6	22	7/30	0.010	0.25	0.032	0.81	0.219	5.56	16.5	6.3	34.0	61.0
<b>C0764A</b>	8	22	7/30	0.010	0.25	0.032	0.81	0.235	5.97	16.5	6.3	34.0	61.0
<b>C0765A</b>	10	22	7/30	0.010	0.25	0.032	0.81	0.269	6.83	16.5	6.3	34.0	61.0
<b>C0766A</b>	15	22	7/30	0.010	0.25	0.032	0.81	0.304	7.72	16.5	6.3	34.0	61.0
<b>C0767A</b>	20	22	7/30	0.010	0.25	0.032	0.81	0.335	8.51	16.5	6.3	34.0	61.0
<b>C0768A</b>	25	22	7/30	0.010	0.25	0.032	0.81	0.369	9.37	16.5	6.3	34.0	61.0

**PVC - CM (UL) c(UL)**

<b>C0780A</b>	2	20	7/28	0.016	0.41	0.032	0.81	0.207	5.26	11.0	6.3	39.0	70.0
<b>C0781A</b>	3	20	7/28	0.016	0.41	0.032	0.81	0.217	5.51	11.0	6.3	39.0	70.0
<b>C0782A</b>	4	20	7/28	0.016	0.41	0.032	0.81	0.236	5.99	11.0	6.3	39.0	70.0
<b>C0783A</b>	6	20	7/28	0.016	0.41	0.032	0.81	0.276	7.01	11.0	6.3	37.0	66.0
<b>C0784A</b>	8	20	7/28	0.016	0.41	0.032	0.81	0.297	7.54	11.0	6.3	37.0	66.0
<b>C0785A</b>	10	20	7/28	0.016	0.41	0.032	0.81	0.345	8.76	11.0	6.3	37.0	66.0
<b>C0786A</b>	15	20	7/28	0.016	0.41	0.032	0.81	0.393	9.98	11.0	6.3	37.0	66.0
<b>C0787A</b>	20	20	7/28	0.016	0.41	0.032	0.81	0.435	11.05	11.0	6.3	37.0	66.0
<b>C0788A</b>	25	20	7/28	0.016	0.41	0.032	0.81	0.483	12.27	11.0	6.3	40.0	72.0

\*A - Capacitance between conductors

\*B - Capacitance between one conductor and other conductors connected to shield

Data subject to change.

**COLOR CODE CHART**

NO. OF COND.	COLOR	NO. OF COND.	COLOR	NO. OF COND.	COLOR	NO. OF COND.	COLOR	NO. OF COND.	COLOR
<b>1</b>	Black	<b>6</b>	Blue	<b>11</b>	Blue/Black	<b>16</b>	Black/Red	<b>21</b>	Orange/Green
<b>2</b>	White	<b>7</b>	White/Black	<b>12</b>	Black/White	<b>17</b>	White/Red	<b>22</b>	Black/White/Red
<b>3</b>	Red	<b>8</b>	Red/Black	<b>13</b>	Red/White	<b>18</b>	Orange/Red	<b>23</b>	White/Black/Red
<b>4</b>	Green	<b>9</b>	Green/Black	<b>14</b>	Green/White	<b>19</b>	Blue/Red	<b>24</b>	Red/Black/White
<b>5</b>	Orange	<b>10</b>	Orange/Black	<b>15</b>	Blue/White	<b>20</b>	Red/Green	<b>25</b>	Green/Black/White

