

Security and Alarm Cables

Commercial Applications Shielded Twisted Pairs

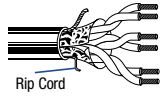


| De- scription | Part No. | UL NEC/ C(UL)CEC Type IEC | Standard Lengths | | Standard Unit Weight | | Conductor (Stranding) Diameter Nom. DCR | Nominal Insulation OD | | Shielding Material Nom. DCR | Nominal OD | | Color Code |
|------------------|-------------|---------------------------------|---------------------|---|-------------------------|----|--|--------------------------|----|-----------------------------------|------------|----|------------|
| | | | ft. | m | lbs. | kg | | inch | mm | | inch | mm | |

22 AWG • Stranded (7x30) 0.8 mm BC • Twisted Pair • **Beldfoil®** Shield • 24 AWG TC Drain Wire • Numbered and Color Coded • Rip Cord

PVC Insulation • Grey PVC Jacket

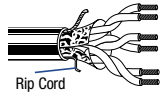
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|--------------|-------------------------------|--|--|--|--|--|--------------------------------|-------|------|---|--|-----------------|
| 300V 75°C | NEC: CMR CEC: CM FT4 | | | | | | 0.76 mm 22 AWG (7x30) BC | 0.040 | 1.01 | Overall Beldfoil® + Drain Wire (24 AWG TC) | | see chart below |
|--------------|-------------------------------|--|--|--|--|--|--------------------------------|-------|------|---|--|-----------------|



| | | | | | | | | | | | | |
|---------------|--------|-------------------------|-----------------------|----------------------|--------------------|--|--|--|--|--|-------|------|
| 5541FE | 2-Pair | U-500 U-1000 1000 | U-152 U-305 305 | 11.5 20.9 22.9 | 5.2 9.5 10.4 | | | | | | 0.209 | 5.31 |
| 5542FE | 3-Pair | U-1000 1000 | U-305 305 | 27.1 29.1 | 12.3 13.2 | | | | | | 0.223 | 5.66 |
| 5543FE | 4-Pair | 1000 | 305 | 34.0 | 15.4 | | | | | | 0.246 | 6.25 |
| 5545FE | 6-Pair | U-1000 1000 | U-305 305 | 46.1 48.1 | 20.9 21.8 | | | | | | 0.278 | 7.06 |

Polyethylene Insulation • Grey FRNC/LSNH Jacket

| | | | | | | | | | | | | |
|--------------|--|--|--|--|--|--|--------------------------------|-------|------|---|--|-----------------|
| 300V 70°C | | | | | | | 0.76 mm 22 AWG (7x30) BC | 0.049 | 1.25 | Overall Beldfoil® + Drain Wire (24 AWG TC) | | see chart below |
|--------------|--|--|--|--|--|--|--------------------------------|-------|------|---|--|-----------------|

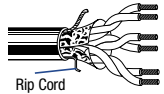


| | | | | | | | | | | | | |
|---------------|--------|-------------|------------|--------------|-------------|--|--|--|--|--|-------|------|
| 4541FE | 2-Pair | 328 1640 | 100 500 | 6.2 31.5 | 2.8 14.3 | | | | | | 0.209 | 5.30 |
| 4542FE | 3-Pair | 328 1640 | 100 500 | 7.7 39.0 | 3.5 17.7 | | | | | | 0.224 | 5.70 |
| 4545FE | 6-Pair | 328 1640 | 100 500 | 13.9 69.4 | 6.3 31.5 | | | | | | 0.280 | 7.10 |

20 AWG • Stranded (7x28) 1.0 mm BC • Twisted Pair • **Beldfoil®** Shield • 24 AWG TC Drain Wire • Numbered and Color Coded • Rip Cord

PVC Insulation • Grey PVC Jacket

| | | | | | | | | | | | | |
|--------------|-------------------------------|--|--|--|--|--|--------------------------------|-------|------|---|--|-----------------|
| 300V 75°C | NEC: CMR CEC: CM FT4 | | | | | | 0.96 mm 20 AWG (7x28) BC | 0.048 | 1.21 | Overall Beldfoil® + Drain Wire (24 AWG TC) | | see chart below |
|--------------|-------------------------------|--|--|--|--|--|--------------------------------|-------|------|---|--|-----------------|



| | | | | | | | | | | | | |
|---------------|--------|-----------------------|---------------------|----------------------|---------------------|--|--|--|--|--|-------|------|
| 5441FE | 2-Pair | 500 U-1000 1000 | 152 U-305 305 | 15.0 29.1 29.1 | 6.8 13.2 13.2 | | | | | | 0.235 | 5.97 |
| 5442FE | 3-Pair | U-1000 1000 | U-305 305 | 37.9 37.9 | 17.2 17.2 | | | | | | 0.252 | 6.40 |
| 5445FE | 6-Pair | 1000 | 305 | 72.1 | 32.7 | | | | | | 0.323 | 8.20 |

TC = Tinned Copper • BC = Bare Copper • DCR = DC resistance

Color Code

| Pair No. | Color | Pair No. | Color |
|----------|--------------|----------|---------------|
| 1 | Black, Red | 4 | Black, Blue |
| 2 | Black, White | 5 | Black, Yellow |
| 3 | Black, Green | 6 | Black, Brown |



For more information, contact Belden Technical Support +31-77-3875-414 • www.belden-emea.com

Security and Alarm Cables

Commercial Applications Shielded Twisted Pairs



| De- scription | Part No. | UL NEC / C(UL)/CEC Type IEC | Standard Lengths | | Standard Unit Weight | | Conductor (Stranding) Diameter Nom. DCR | Nominal Insulation OD | | Shielding Material Nom. DCR | Nominal OD | | Color Code |
|------------------|-------------|-----------------------------------|---------------------|---|-------------------------|----|--|--------------------------|----|-----------------------------------|------------|----|------------|
| | | | ft. | m | lbs. | kg | | inch | mm | | inch | mm | |

20 AWG • Stranded (7x28) 1.0 mm BC • Twisted Pair • Beldfoil® Shield • 24 AWG Tinned Copper Drain Wire • Numbered and Color Coded

Polyethylene Insulation • Grey FRNC/LSNH Jacket

| | | | | | | | | | | | | |
|--------------|-------------|--|--|--|--|--|--------------------------------|-------|------|---|--|-----------------|
| 300V 70°C | IEC 60754-2 | | | | | | 0.96 mm 20 AWG (7x28) BC | 0.057 | 1.45 | Overall Beldfoil® + Drain Wire (24 AWG TC) | | see chart below |
|--------------|-------------|--|--|--|--|--|--------------------------------|-------|------|---|--|-----------------|



| | | | | | | | | | | | | |
|---------------|--------|-------------|------------|--------------|-------------|--|--|--|--|--|-------|------|
| 4441FE | 2-Pair | 328 1640 | 100 500 | 7.7 39.0 | 3.5 17.7 | | | | | | 0.236 | 6.00 |
| 4445FE | 6-Pair | 328 1640 | 100 500 | 18.7 93.3 | 8.5 42.3 | | | | | | 0.323 | 8.20 |

18 AWG • Stranded (7x26) 1.2 mm BC • Twisted Pair • Beldfoil® Shield • 24 AWG Tinned Copper Drain Wire • Numbered and Color Coded

PVC Insulation • Overall Grey PVC Jacket

| | | | | | | | | | | | | |
|--------------|-------------------------------|--|--|--|--|--|--------------------------------|-------|------|---|--|-----------------|
| 300V 75°C | NEC: CMR CEC: CM FT4 | | | | | | 1.22 mm 18 AWG (7x26) BC | 0.058 | 1.47 | Overall Beldfoil® + Drain Wire (24 AWG TC) | | see chart below |
|--------------|-------------------------------|--|--|--|--|--|--------------------------------|-------|------|---|--|-----------------|



| | | | | | | | | | | | | |
|---------------|--------|-----------------------|---------------------|----------------------|---------------------|--|--|--|--|--|-------|------|
| 5341FE | 2-Pair | 500 U-1000 1000 | 152 U-305 305 | 20.9 39.9 42.1 | 9.5 18.1 19.1 | | | | | | 0.270 | 6.86 |
| 5342FE | 3-Pair | 1000 | 305 | 52.0 | 23.6 | | | | | | 0.275 | 6.99 |
| 5343FE | 4-Pair | 1000 | 305 | 70.1 | 31.8 | | | | | | 0.318 | 8.08 |
| 5345FE | 6-Pair | 500 1000 | 152 305 | 52.7 103.2 | 23.9 46.8 | | | | | | 0.373 | 9.47 |

Polyethylene Insulation • Grey FRNC/LSNH Jacket

| | | | | | | | | | | | | |
|--------------|-------------|--|--|--|--|--|--------------------------------|-------|------|---|--|-----------------|
| 300V 70°C | IEC 60754-2 | | | | | | 1.22 mm 18 AWG (7x26) BC | 0.068 | 1.72 | Overall Beldfoil® + Drain Wire (24 AWG TC) | | see chart below |
|--------------|-------------|--|--|--|--|--|--------------------------------|-------|------|---|--|-----------------|



| | | | | | | | | | | | | |
|---------------|--------|-------------|------------|--------------|-------------|--|--|--|--|--|-------|------|
| 4341FE | 2-Pair | 328 1640 | 100 500 | 13.7 68.6 | 6.2 31.1 | | | | | | 0.264 | 6.70 |
| 4342FE | 3-Pair | 1640 | 500 | 82.0 | 37.2 | | | | | | 0.276 | 7.00 |
| 4343FE | 4-Pair | 1640 | 500 | 103.0 | 46.7 | | | | | | 0.319 | 8.10 |
| 4345FE | 6-Pair | 1640 | 500 | 161.6 | 73.3 | | | | | | 0.374 | 9.50 |

TC = Tinned Copper • BC = Bare Copper • DCR = DC resistance

Color Code

| Pair No. | Color | Pair No. | Color |
|----------|--------------|----------|---------------|
| 1 | Black, Red | 4 | Black, Blue |
| 2 | Black, White | 5 | Black, Yellow |
| 3 | Black, Green | 6 | Black, Brown |