

50Ohm RF Coaxial Cables

ACCL (ALMR) 100

ACCL (ALMR) 195

ACCL (ALMR) 200

ACCL (ALMR) 240

ACCL (ALMR) 300

ACCL (ALMR) 400

ACCL (ALMR) 500

ACCL (ALMR) 600

ACCL (ALMR) 900

3D-FB

5D-FB

7D-FB

8D-FB

10D-FB

12D-FB

Mininature Coaxial Cables

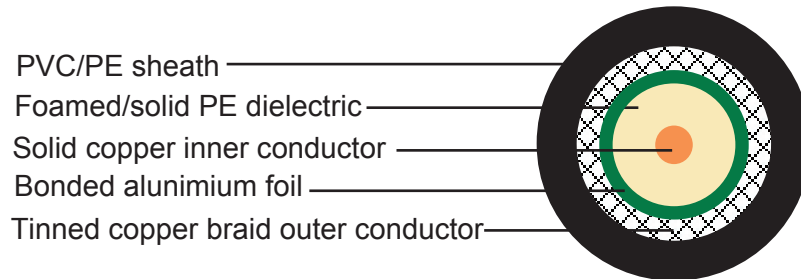
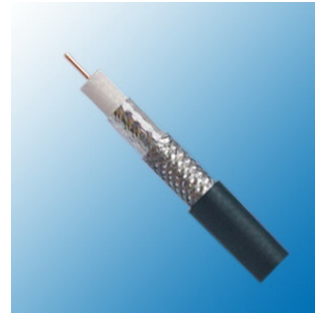
ACCL (ALMR) 100

Construction

| | | |
|-----------------|-----------------------|----------|
| Inner conductor | Solid copper | 0.46 mm |
| Dielectric | Foam /Solid PE | Φ1.52 mm |
| Shield | Bonded aluminium foil | Φ1.65 mm |
| Outer conductor | Tinned copper braid | Φ2.11 mm |
| Sheath | PVC/PE | Φ2.79 mm |

Electrical & Mechanical Characteristics

| | |
|-----------------------------|----------------|
| Impedance | 50±3 Ohm |
| Nominal capacitance | 101.1 pF/m |
| Velocity of propagation | 70% |
| Insulation resistance | >5000 Mohm.Km |
| Inner conductor resistance | 266 Ohm/Km |
| Outer conductor resistance | 31.2 Ohm/Km |
| Operating temperature range | -40°C - +85 °C |
| Min.bending radius | 14 mm |



Attenuation

| Frequency(MHz) | Attenuation (dB/100 m) | Max. Attenuation(dB/100ft) |
|----------------|------------------------|----------------------------|
| 30 | 12.9 | 3.9 |
| 50 | 16.7 | 5.1 |
| 150 | 29.4 | 9.0 |
| 220 | 35.8 | 10.9 |
| 450 | 51.9 | 15.8 |
| 900 | 74.9 | 22.8 |
| 1500 | 98.7 | 30.1 |
| 1800 | 109.0 | 33.2 |
| 2000 | 115.5 | 35.2 |
| 2500 | 130.6 | 39.8 |
| 3000 | 143.8 | 43.8 |
| 5800 | 210.3 | 64.1 |

50 Ohm RF Coaxial Cables

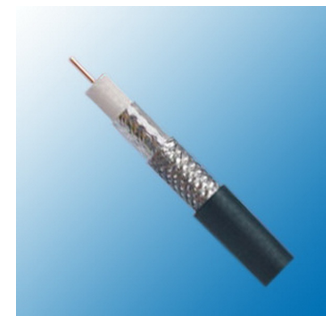
ACCL (ALMR) 195

Construction

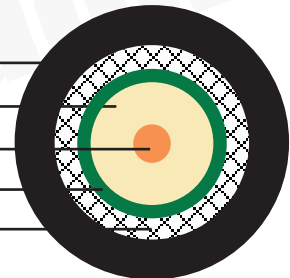
| | | |
|-----------------|-----------------------|----------|
| Inner conductor | Solid copper | Φ0.94mm |
| Dielectric | Foam /Solid PE | Φ2.79 mm |
| Shield | Bonded aluminium foil | Φ2.95 mm |
| Outer conductor | Tinned copper braid | Φ3.53 mm |
| Sheath | PVC/PE | Φ4.95 mm |

Electrical & Mechanical Characteristics

| | |
|-----------------------------|----------------|
| Impedance | 50±3 Ohm |
| Nominal capacitance | 79.7 pF/m |
| Velocity of propagation | 80% |
| Insulation resistance | >5000 Mohm.Km |
| Inner conductor resistance | 24.94 Ohm/Km |
| Outer conductor resistance | 16.08 Ohm/Km |
| Operating temperature range | -40°C - +85 °C |
| Min.bending radius | 25 mm |



PVC/PE sheath
 Foamed/solid PE dielectric
 Solid copper inner conductor
 Bonded aluminium foil
 Tinned copper braid outer conductor



Attenuation

| Frequency(MHz) | Attenuation (dB/100 m) | Max. Attenuation(dB/100ft) |
|----------------|------------------------|----------------------------|
| 30 | 6.5 | 2.0 |
| 50 | 8.4 | 2.6 |
| 150 | 14.6 | 4.5 |
| 220 | 17.7 | 5.4 |
| 450 | 25.5 | 7.8 |
| 900 | 36.5 | 11.1 |
| 1500 | 47.7 | 14.5 |
| 1800 | 52.5 | 16.0 |
| 2000 | 55.4 | 16.9 |
| 2500 | 62.4 | 19.0 |
| 3000 | 67.5 | 20.6 |
| 5800 | 93.0 | 28.3 |

50 Ohm RF Coaxial Cables

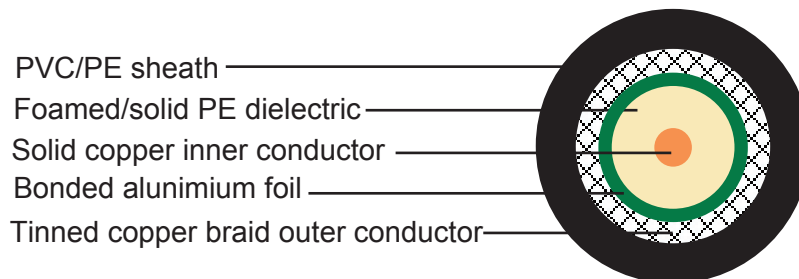
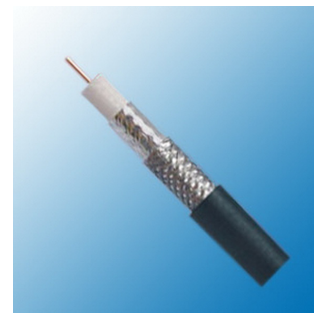
ACCL (ALMR) 200

Construction

| | | |
|-----------------|-----------------------|----------|
| Inner conductor | Solid copper | Φ1.12 mm |
| Dielectric | Foam /Solid PE | Φ2.95 mm |
| Shield | Bonded aluminium foil | Φ3.07 mm |
| Outer conductor | Tinned copper braid | Φ3.66 mm |
| Sheath | PVC/PE | Φ4.95 mm |

Electrical & Mechanical Characteristics

| | |
|-----------------------------|----------------|
| Impedance | 50±3 Ohm |
| Nominal capacitance | 80.3 pF/m |
| Velocity of propagation | 83% |
| Insulation resistance | >5000 Mohm.Km |
| Inner conductor resistance | 17.6 Ohm/Km |
| Outer conductor resistance | 16.1 Ohm/Km |
| Operating temperature range | -40°C - +85 °C |
| Min.bending radius | 27 mm |



Attenuation

| Frequency(MHz) | Attenuation (dB/100 m) | Max. Attenuation(dB/100ft) |
|----------------|------------------------|----------------------------|
| 30 | 5.8 | 1.8 |
| 50 | 7.5 | 2.3 |
| 150 | 13.1 | 4.0 |
| 220 | 15.9 | 4.8 |
| 450 | 22.8 | 6.9 |
| 900 | 32.6 | 9.9 |
| 1500 | 42.4 | 12.9 |
| 1800 | 46.6 | 14.2 |
| 2000 | 49.3 | 15.0 |
| 2500 | 55.4 | 16.9 |
| 3000 | 60.0 | 18.3 |
| 5800 | 86.5 | 26.4 |

50 Ohm RF Coaxial Cables

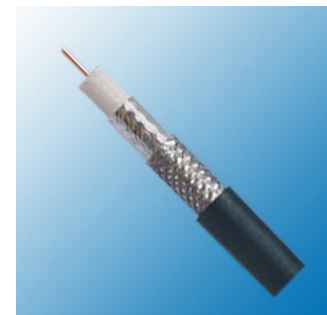
ACCL (ALMR) 240

Construction

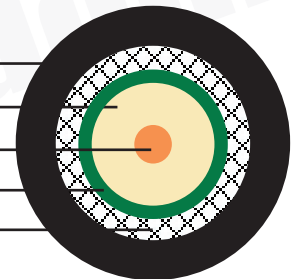
| | | |
|-----------------|-----------------------|----------|
| Inner conductor | Solid copper | Φ1.42 mm |
| Dielectric | Foam /Solid PE | Φ3.81 mm |
| Shield | Bonded aluminium foil | Φ3.94 mm |
| Outer conductor | Tinned copper braid | Φ4.50 mm |
| Sheath | PVC/PE | Φ6.01 mm |

Electrical & Mechanical Characteristics

| | |
|-----------------------------|----------------|
| Impedance | 50±3 Ohm |
| Nominal capacitance | 79.4 pF/m |
| Velocity of propagation | 84% |
| Insulation resistance | >5000 Mohm.Km |
| Inner conductor resistance | 10.5 Ohm/Km |
| Outer conductor resistance | 12.76 Ohm/Km |
| Operating temperature range | -40°C - +85 °C |
| Min.bending radius | 30 mm |



PVC/PE sheath
 Foamed/solid PE dielectric
 Solid copper inner conductor
 Bonded aluminium foil
 Tinned copper braid outer conductor



Attenuation

| Frequency(MHz) | Attenuation (dB/100 m) | Max. Attenuation(dB/100ft) |
|----------------|------------------------|----------------------------|
| 30 | 4.4 | 1.3 |
| 50 | 5.7 | 1.7 |
| 150 | 9.9 | 3.0 |
| 220 | 12.0 | 3.7 |
| 450 | 17.3 | 5.3 |
| 900 | 24.8 | 7.6 |
| 1500 | 32.4 | 9.9 |
| 1800 | 35.6 | 10.9 |
| 2000 | 37.7 | 11.5 |
| 2500 | 42.4 | 12.9 |
| 3000 | 46.5 | 14.2 |
| 5800 | 66.8 | 20.4 |

50 Ohm RF Coaxial Cables

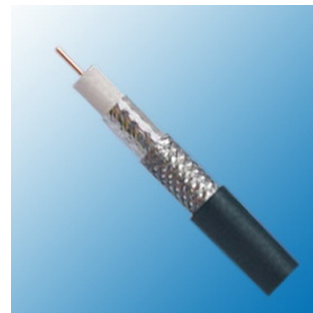
ACCL (ALMR) 300

Construction

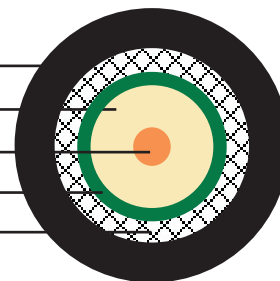
| | | |
|-----------------|-----------------------|----------|
| Inner conductor | Solid copper | Φ1.78 mm |
| Dielectric | Foam /Solid PE | Φ4.83 mm |
| Shield | Bonded aluminium foil | Φ4.98 mm |
| Outer conductor | Tinned copper braid | Φ5.72 mm |
| Sheath | PVC/PE | Φ7.62 mm |

Electrical & Mechanical Characteristics

| | |
|-----------------------------|----------------|
| Impedance | 50±3 Ohm |
| Nominal capacitance | 78.8 pF/m |
| Velocity of propagation | 85% |
| Insulation resistance | >5000 Mohm.Km |
| Inner conductor resistance | 7.01 Ohm/Km |
| Outer conductor resistance | 7.26 Ohm/Km |
| Operating temperature range | -40°C - +85 °C |
| Min.bending radius | 38 mm |



PVC/PE sheath
Foamed/solid PE dielectric
Solid copper inner conductor
Bonded aluminium foil
Tinned copper braid outer conductor



Attenuation

| Frequency(MHz) | Attenuation (dB/100 m) | Max. Attenuation(dB/100ft) |
|----------------|------------------------|----------------------------|
| 30 | 3.5 | 1.1 |
| 50 | 4.5 | 1.4 |
| 150 | 7.9 | 2.4 |
| 220 | 9.6 | 2.9 |
| 450 | 13.8 | 4.2 |
| 900 | 19.9 | 6.1 |
| 1500 | 26.0 | 7.9 |
| 1800 | 28.7 | 8.7 |
| 2000 | 30.3 | 9.2 |
| 2500 | 34.2 | 10.4 |
| 3000 | 37.5 | 11.4 |
| 5800 | 54.2 | 16.5 |

50 Ohm RF Coaxial Cables

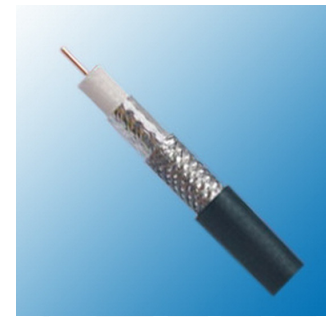
ACCL (ALMR) 400

Construction

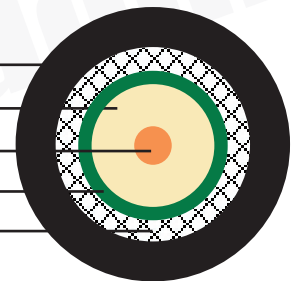
| | | |
|-----------------|-----------------------|-----------|
| Inner conductor | Solid copper | Φ2.74 mm |
| Dielectric | Foam /Solid PE | Φ7.24 mm |
| Shield | Bonded aluminium foil | Φ7.39 mm |
| Outer conductor | Tinned copper braid | Φ8.13 mm |
| Sheath | PVC/PE | Φ10.29 mm |

Electrical & Mechanical Characteristics

| | |
|-----------------------------|----------------|
| Impedance | 50±3 Ohm |
| Nominal capacitance | 101.1 pF/m |
| Velocity of propagation | 85% |
| Insulation resistance | >5000 Mohm.Km |
| Inner conductor resistance | 2.92 Ohm/Km |
| Outer conductor resistance | 5.41 Ohm/Km |
| Operating temperature range | -40°C - +85 °C |
| Min.bending radius | 51mm |



PVC/PE sheath
Foamed/solid PE dielectric
Solid copper inner conductor
Bonded aluminium foil
Tinned copper braid outer conductor



Attenuation

| Frequency(MHz) | Attenuation (dB/100 m) | Max. Attenuation(dB/100ft) |
|----------------|------------------------|----------------------------|
| 30 | 2.2 | 0.7 |
| 50 | 2.9 | 0.9 |
| 150 | 5.0 | 1.5 |
| 220 | 6.1 | 1.9 |
| 450 | 8.9 | 2.7 |
| 900 | 12.8 | 3.9 |
| 1500 | 16.8 | 5.1 |
| 1800 | 18.6 | 5.7 |
| 2000 | 19.6 | 6.0 |
| 2500 | 22.2 | 6.8 |
| 3000 | 24.8 | 7.6 |
| 5800 | 35.5 | 10.8 |

50 Ohm RF Coaxial Cables

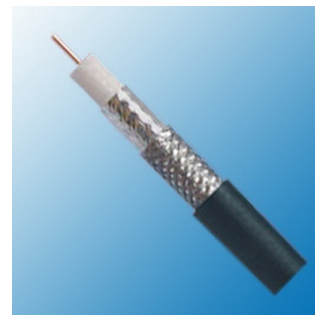
ACCL (ALMR) 500

Construction

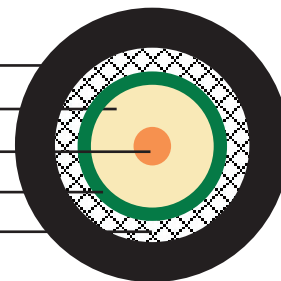
| | | |
|-----------------|-----------------------|----------|
| Inner conductor | Solid copper | Φ3.61 mm |
| Dielectric | Foam /Solid PE | Φ9.4 mm |
| Shield | Bonded aluminium foil | Φ9.55 mm |
| Outer conductor | Tinned copper braid | Φ10.3 mm |
| Sheath | PVC/PE | Φ12.7 mm |

Electrical & Mechanical Characteristics

| | |
|-----------------------------|----------------|
| Impedance | 50±3 Ohm |
| Nominal capacitance | 77.1 pF/m |
| Velocity of propagation | 86% |
| Insulation resistance | >5000 Mohm.Km |
| Inner conductor resistance | 2.69 Ohm/Km |
| Outer conductor resistance | 4.2 Ohm/Km |
| Operating temperature range | -40°C - +85 °C |
| Min.bending radius | 64 mm |



PVC/PE sheath
Foamed/solid PE dielectric
Solid copper inner conductor
Bonded aluminium foil
Tinned copper braid outer conductor



Attenuation

| Frequency(MHz) | Attenuation (dB/100 m) | Max. Attenuation(dB/100ft) |
|----------------|------------------------|----------------------------|
| 30 | 1.8 | 0.5 |
| 50 | 2.3 | 0.7 |
| 150 | 4.0 | 1.2 |
| 220 | 4.9 | 1.5 |
| 450 | 7.1 | 2.2 |
| 900 | 10.3 | 3.1 |
| 1500 | 13.6 | 4.1 |
| 1800 | 15.0 | 4.6 |
| 2000 | 15.9 | 4.8 |
| 2500 | 18.0 | 5.5 |
| 3000 | 19.7 | 6.0 |
| 5800 | 29.1 | 8.9 |

50 Ohm RF Coaxial Cables

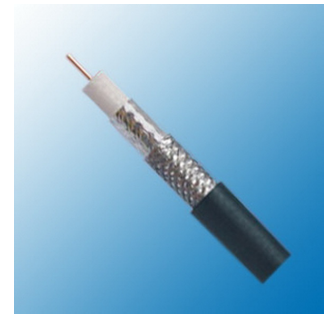
ACCL (ALMR) 600

Construction

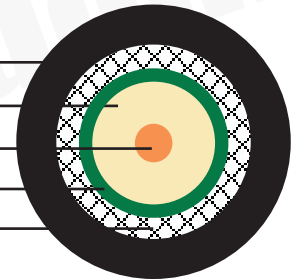
| | | |
|-----------------|-----------------------|-----------|
| Inner conductor | Solid copper | Φ4.47 mm |
| Dielectric | Foam /Solid PE | Φ11.56 mm |
| Shield | Bonded aluminium foil | Φ11.71 mm |
| Outer conductor | Tinned copper braid | Φ12.50 mm |
| Sheath | PVC/PE | Φ14.99 mm |

Electrical & Mechanical Characteristics

| | |
|-----------------------------|----------------|
| Impedance | 50±3 Ohm |
| Nominal capacitance | 76.8 pF/m |
| Velocity of propagation | 87% |
| Insulation resistance | >5000 Mohm.Km |
| Inner conductor resistance | 1.7 Ohm/Km |
| Outer conductor resistance | 3.9 Ohm/Km |
| Operating temperature range | -40°C - +85 °C |
| Min.bending radius | 75 mm |



PVC/PE sheath
 Foamed/solid PE dielectric
 Solid copper inner conductor
 Bonded aluminium foil
 Tinned copper braid outer conductor



Attenuation

| Frequency(MHz) | Attenuation (dB/100 m) | Max. Attenuation(dB/100ft) |
|----------------|------------------------|----------------------------|
| 30 | 1.4 | 0.4 |
| 50 | 1.8 | 0.5 |
| 150 | 3.2 | 1.0 |
| 220 | 3.9 | 1.2 |
| 450 | 5.6 | 1.7 |
| 900 | 8.2 | 2.5 |
| 1500 | 10.9 | 3.3 |
| 1800 | 12.1 | 3.7 |
| 2000 | 12.8 | 3.9 |
| 2500 | 14.5 | 4.4 |
| 3000 | 15.7 | 4.8 |
| 5800 | 23.8 | 7.3 |

50 Ohm RF Coaxial Cables

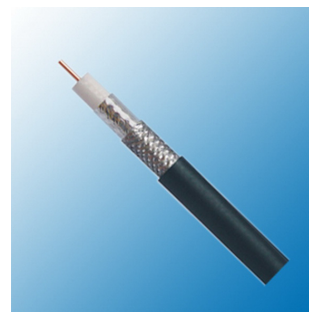
ACCL (ALMR) 900

Construction

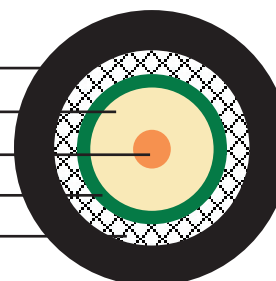
| | | |
|-----------------|---------------|-----------|
| Inner conductor | BC tube | Φ6.65 mm |
| Dielectric | Foam PE | Φ17.27 mm |
| Outer conductor | Aluminum Tape | Φ17.42 mm |
| Overall Braid | Tinned Copper | Φ18.59 mm |
| Sheath | PE /FRPE | Φ22.10 mm |

Electrical & Mechanical Characteristics

| | |
|-----------------------------|----------------|
| Impedance | 50±3 Ohm |
| Nominal capacitance | 76.6 pF/m |
| Velocity of propagation | 87% |
| Insulation resistance | >5000 Mohm.Km |
| Inner conductor resistance | 1.77Ohm/Km |
| Outer conductor resistance | 1.8 Ohm/Km |
| Operating temperature range | -40°C - +85 °C |
| Min.bending radius | 76.2 mm |



PE/FRPE sheath
Foam PE dielectric
BC tube inner conductor
Aluminum tape outer conductor
Tinned copper overall braid



Attenuation

| Frequency(MHz) | Attenuation (dB/100 m) | Max. Attenuation(dB/100ft) |
|----------------|------------------------|----------------------------|
| 30 | 0.9 | 0.3 |
| 50 | 1.2 | 0.4 |
| 150 | 2.2 | 0.7 |
| 220 | 2.6 | 0.8 |
| 450 | 3.8 | 1.2 |
| 900 | 5.6 | 1.7 |
| 1500 | 7.4 | 2.2 |
| 1800 | 8.2 | 2.5 |
| 2000 | 8.6 | 2.6 |
| 2500 | 9.8 | 3.0 |
| 3000 | 11.0 | 3.4 |
| 5800 | 16.0 | 4.9 |