



Cable Details

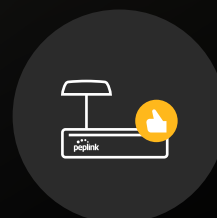
TAA
COMPLIANT



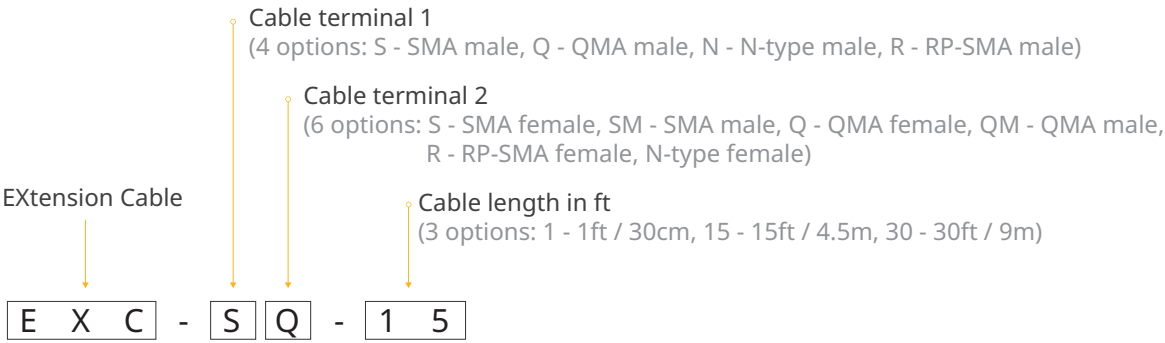
UV stabilized with a wide operating temperature range.



Low-loss cable perfect for wireless communications.



High quality design for connecting to Peplink routers and antennas.



Pigtail Cables CFD-200 (LMR-200)

Product Code	Description
ACW-816	QMA-to-SMA adapters, 0.5ft / 15cm (4-Pack Set)
EXC-NSM-1	Extension coax cable, N-type male to SMA male connector, 1ft / 30cm (4-Pack Set)
EXC-NQM-1	Extension coax cable, N-type male to QMA male connector, 1ft / 30cm (4-Pack Set)

Low Loss Cables CFD-200 (LMR-200)

Product Code	Description
EXC-SQ-15	Extension coax cable, SMA male to QMA female connector, 15ft / 4.5m
EXC-QQ-15	Extension coax cable, QMA male to QMA female connector, 15ft / 4.5m
EXC-NQ-15	Extension coax cable, N-type male to QMA female connector, 15ft / 4.5m
EXC-RQ-15	Extension coax cable, RP-SMA male to QMA female connector, 15ft / 4.5m
EXC-NSM-15	Extension coax cable, N-type male to SMA male connector, 15ft / 4.5m
EXC-NSM-30	Extension coax cable, N-type male to SMA male connector, 30ft / 9m
EXC-SS-15	Extension coax cable, SMA male to SMA female connector, 15ft / 4.5m
EXC-SS-30	Extension coax cable, SMA male to SMA female connector, 30ft / 9m
EXC-RR-15	Extension coax cable, RP-SMA male to RP-SMA female connector, 15ft / 4.5m
EXC-RR-30	Extension coax cable, RP-SMA male to RP-SMA female connector, 30ft / 9m

Very Low Loss Cables 5D-FB, 7D-FB & CFD-400 (LMR-400)

Product Code	Description
ACW-405	Extension coax cable, N-type male to SMA male connector, 16ft / 5m, 5D-FB
ACW-406	Extension coax cable, SMA male to SMA female, 31ft / 10m, 7D-FB
EXC-NN-30	Extension coax cable, N-type male to N-type female connector, 30ft / 9m, CFD-400

RF Connectors Used by Peplink



Router Side



SMA Female (Cellular/GPS)



RP-SMA Female (Wi-Fi)



QMA Female



N-Type Female

Antenna Side



SMA Male (Cellular/GPS)



RP-SMA Male (Wi-Fi)



QMA Male



N-Type Male

Note: MR-10 antenna uses N-Type female.

Cable SKU

SKU	ACW-816, EXC-NSM-1, EXC-NQM-1, EXC-SQ-15, EXC-QQ-15, EXC-NQ-15, EXC-RQ-15, EXC-NSM-15, EXC-NSM-30, EXC-SS-15, EXC-SS-30, EXC-RR-15, EXC-RR-30
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Cable Electrical Specifications

Capacitance	80±5 pF/m	Attenuation	900MHz : 0.099 dB/ft / 0.326 dB/m 1500MHz : 0.136 dB/ft / 0.445 dB/m 1800MHz : 0.149 dB/ft / 0.489 dB/m 2000MHz : 0.158 dB/ft / 0.518 dB/m 2500MHz : 0.177 dB/ft / 0.580 dB/m 5800MHz : 0.285 dB/ft / 0.935 dB/m 6000MHz : 0.293 dB/ft / 0.962 dB/m
Impedance	50±2 Ω		
Velocity Ratio	84%		
Max Frequency	6000 MHz		

Cable Mechanical Specifications

Bent radius	0.5" / 12.7mm	Operating Temperature Range	-40° - 176°F / -40° - 80°C
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A. Inner Conductor

B. Insulation

C. First Shield

D. Second Shield

E. Jacket

Diameter	0.044" / 1.12mm
Material	Bare copper wire
Diameter	0.116" / 2.95mm
Material	Foam polyethylene
Diameter	0.121" / 3.07mm
Material	Aluminium foil
Diameter	0.144" / 3.66mm
Material	Tinned copper wire
Diameter	0.197" / 5.00mm
Material	Half matt PVC, UV resistant

Cable Type: 5D-FB



Cable SKU

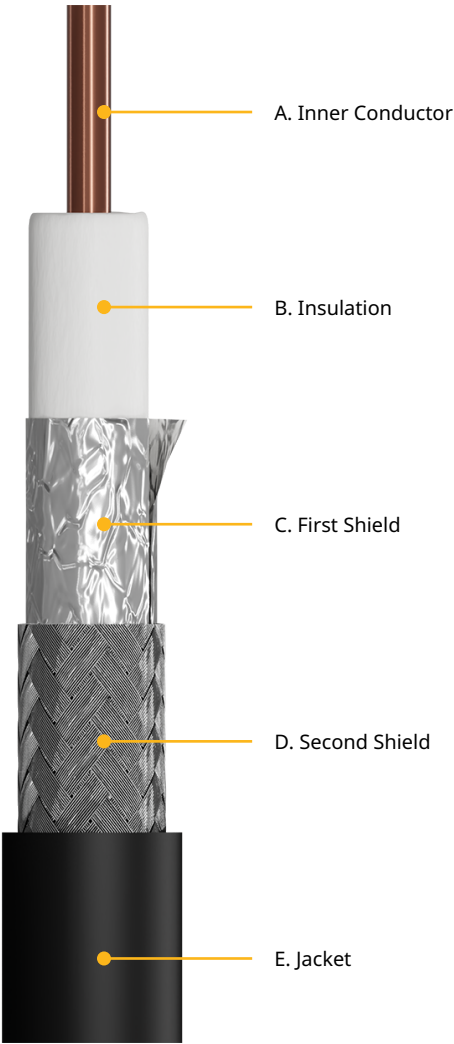
SKU	ACW-405
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Cable Electrical Specifications

Capacitance	80±5 pF/m	Attenuation	900MHz : 0.061 dB/ft / 0.200 dB/m 1500MHz : 0.083 dB/ft / 0.272 dB/m 1800MHz : 0.091 dB/ft / 0.297 dB/m 2000MHz : 0.099 dB/ft / 0.325 dB/m 2500MHz : 0.109 dB/ft / 0.358 dB/m 3000MHz : 0.125 dB/ft / 0.409 dB/m
Impedance	50±2 Ω		
Velocity Ratio	82%		
Max Frequency	3000 MHz		

Cable Mechanical Specifications

Bent radius	1.38" / 35mm	Operating Temperature Range	-40° - 176°F / -40° - 80°C
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Diameter	0.071" / 1.80mm
Material	Bare copper wire
Diameter	0.197" / 5.00mm
Material	Foam polyethylene
Diameter	0.205" / 5.20mm
Material	Aluminium foil
Diameter	0.228" / 5.78mm
Material	Tinned copper wire
Diameter	0.295" / 7.50mm
Material	Half matt PVC, UV resistant

Cable Type: 7D-FB



Cable SKU

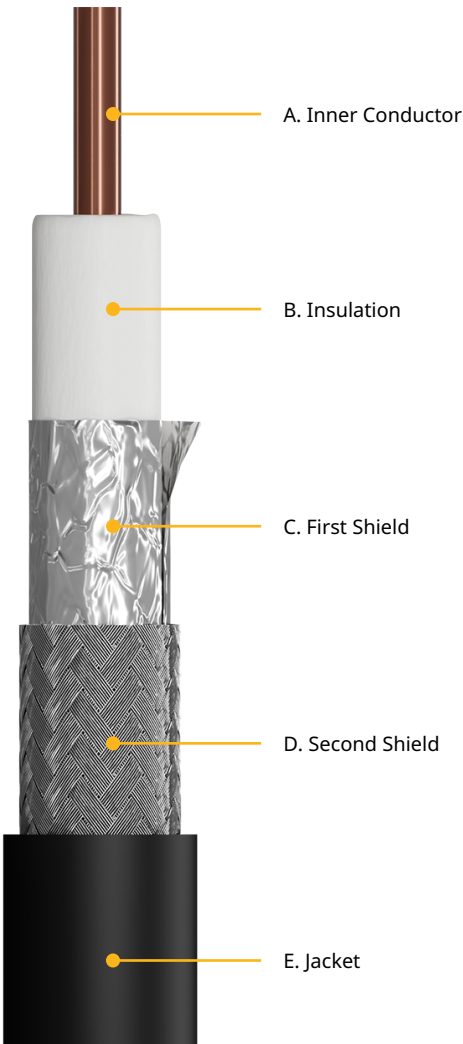
SKU	ACW-406
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Cable Electrical Specifications

Capacitance	80±5 pF/m	Attenuation	900MHz : 0.043 dB/ft / 0.141 dB/m 1500MHz : 0.059 dB/ft / 0.192 dB/m 1800MHz : 0.065 dB/ft / 0.214 dB/m 2000MHz : 0.071 dB/ft / 0.233 dB/m 2500MHz : 0.078 dB/ft / 0.256 dB/m 3000MHz : 0.090 dB/ft / 0.295 dB/m
Impedance	50±2 Ω		
Velocity Ratio	81%		
Max Frequency	3000 MHz		

Cable Mechanical Specifications

Bent radius	1.78" / 45mm	Operating Temperature Range	-40° - 176°F / -40° - 80°C
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Diameter	0.102" / 2.60mm
Material	Bare copper wire
Diameter	0.287" / 7.30mm
Material	Foam polyethylene
Diameter	0.295" / 7.50mm
Material	Aluminium foil
Diameter	0.319" / 8.10mm
Material	Tinned copper wire
Diameter	0.386" / 9.80mm
Material	Half matt PVC, UV resistant

Cable SKU

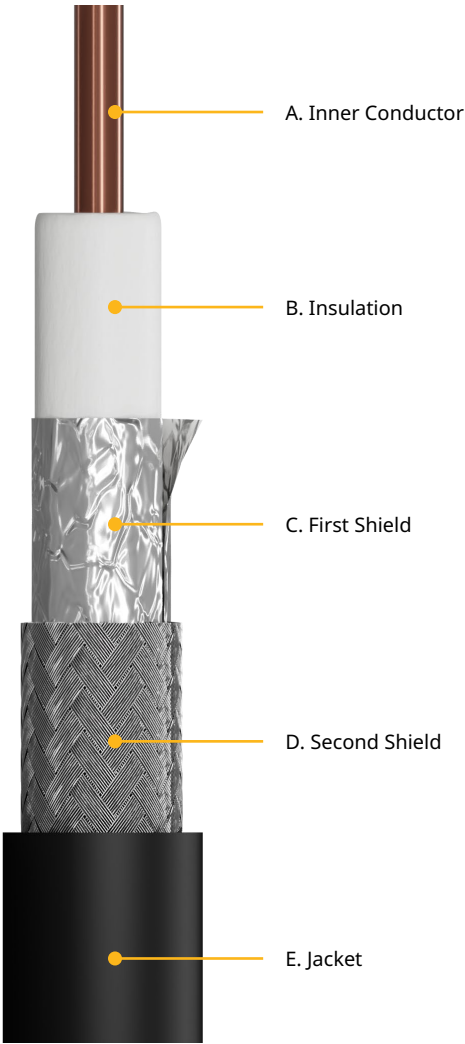
SKU	EXC-NN-30
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Cable Electrical Specifications

Capacitance	76±5 pF/m	Attenuation	900MHz : 0.039 dB/ft / 0.128 dB/m 1500MHz : 0.051 dB/ft / 0.168 dB/m 1800MHz : 0.057 dB/ft / 0.186 dB/m 2000MHz : 0.060 dB/ft / 0.196 dB/m 2500MHz : 0.068 dB/ft / 0.222 dB/m 3000MHz : 0.108 dB/ft / 0.355 dB/m
Impedance	50±2 Ω		
Velocity Ratio	85 %		
Max Frequency	6000 MHz		

Cable Mechanical Specifications

Bent radius	1" / 25.4mm	Operating Temperature Range	-40° - 176°F / -40° - 80°C
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Diameter	0.108" / 2.74mm
Material	Bare copper wire
Diameter	0.285" / 7.24mm
Material	Foam polyethylene
Diameter	0.289" / 7.35mm
Material	Aluminium foil
Diameter	0.319" / 8.10mm
Material	Tinned copper wire
Diameter	0.406" / 10.30mm
Material	Half matt PVC, UV resistant