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Description: *High-Strength Stranded Aerial Wires*

Scope: The following specification provides the typical mechanical characterisitics for the standard, high-strength stranded aerial wires currently offered by DX Supply. Additional constructions can be custom manufactured upon request to meet specific customer requirements.

RoHS Statement: Each of the items below are RoHS Compliant in accordance with European Union Directive 2002/95/EC.

Part Number: **WM516**
Conductor Construction: 12 AWG 19 x .0179" Tin Plated Copper-Clad Steel
Conductor OD: .090" nom
Break Strength: 474 lbs force nom
Weight 17.9 lbs / 1,000 FT nom

Part Number: **AW523**
Conductor Construction: 14 AWG 19 x .0142" Tin Plated Copper-Clad Steel
Conductor OD: .071" nom
Break Strength: 297 lbs force nom
Weight: 11.2 lbs / 1,000 FT nom

Part Number: **WM511**
Conductor Construction: 14 AWG 7 x .0253" Bare Copper-Clad Steel
Conductor OD: .076" nom
Break Strength: 352 lbs force nom
Weight: 12.6 lbs / 1,000 FT nom

Part Number: **WM541**
Conductor Construction: 14 AWG 7 x .0242" Hard Drawn Bare Copper
Conductor OD: .073" nom
Break Strength: 203 lbs force nom
Weight: 13.2 lbs / 1,000 FT nom

Part Number: **WM519**
Conductor Construction: 16 AWG 19 x .0113" Tin Plated Copper-Clad Steel
Conductor OD: .057" nom
Break Strength: 188 lbs force nom
Weight: 7.1 lbs / 1,000 FT nom

Notes:
The Break Strength values provided above are calculated values and represent the approximate amount of force required to cause the mechanical failure of the aerial wire.