

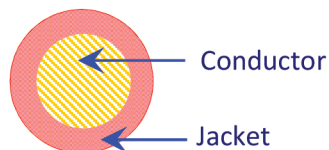
Specification Sheet

Rev. Date: 2021/06/07

Altronics Part Number	Description	Supplier Ordering Info.
W 4200	1666/0.12 Red 146A Power Cable	

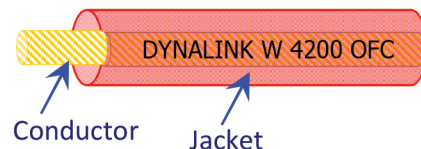
Conductor

Material Oxygen Free Copper
AWG $18.8\text{mm}^2 \times 1\text{C}$ (4AWG)
Construction $1666/0.12\text{mm} \pm 0.008\text{mm}$
Stranded Diameter 7.53mm



Insulation

Material N/A
Average Thickness N/A
Insulation Diameter N/A
Cores Assembly N/A



Jacket

Material PVC
Average Thickness 1.34mm
Cable Diameter $10.2 \pm 0.15\text{mm}$

Colour

Insulation N/A
Jacket Red Transparent

Physical and Electrical Characteristics

Rated Voltage 300Vdc
Rated Temperature 105°C
Rated Current 146 Amps
Maximum DC Resistance 0.00098 Ω /M
Tensile Strength $\geq 10.3\text{Mpa}$ (Insulation and Jacket)
Elongation $\geq 100\%$ upward (Insulation)
Dielectric Strength 2kV/min (Insulation in water)

Mechanical Characteristics

Aging Condition $120 \pm 1^\circ\text{C}/120\text{hr}$ No Crack
Cold Blend $-20 \pm 2^\circ\text{C}/4\text{hr}$ No Crack

Packaging

Drum Sizes 50 Meter

Marking

DYNALINK W 4200 OFC 4G MADE IN TAIWAN (001M~050M)