QUALITY
WIRELINE & CABLE INC.

7-T-464-24/24-G-7

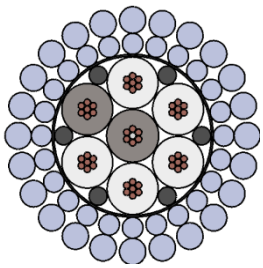
15/32 " (11.786 mm) Multi Conductor Cable

Temperature Rating 500 °F (260°C)

Conductor – Copper

Insulation – ETFE

Armor - GIPS



Construction Characteristics	English	Metric
Conductor – 20 AWG , 7 x 0.0128″:	0.038″	0.966 mm
Wall Thickness:	0.029″/0.0315″	0.737/0.80 mm
Insulation(Outer) – OD:	0.096″	2.438 mm
Insulation(Inner) – OD:	0.101″	2.565 mm
Armor – Inner : 24 Wires 0.0390″:	0.365″	9.271 mm
– Outer : 24 Wires 0.0495″:	0.464″	11.786 mm
Mechanical Characteristics		
Weight in Air:	338 lbs/kft	503 kg/km
Weight in Water:	271 lbs/kft	403 kg/km
Breaking Strength (Ends Fixed):	18,000 lbs	8,164 kg
Working Load (Maximum):	9,000 lbs	4,082 kg
Temperature Rating (Maximum):	500 °F	260 °C
Suggested Minimum Sheave:	20″ dia.	508 mm
Outside Diameter:	$0.464\ ^{+.005"}_{-0.002"}$	$11.786\ ^{+0.127\ mm}_{-0.051\ mm}$
Stretch Coefficient:	0.77 ft/kft/klb	0.86 m/km/5kN
Electrical Characteristics		
Voltage Rating:	1,200 VDC	1,200 VDC
DC Conductor Resistance at 68°F (20°C):	9.8 Ω/kft	32.1 Ω/km
DC Armor Resistance at 68°F (20°C):	1.3 Ω/kft	4.3 Ω/km
Capacitance Conductor to Armor:	46 pF/ft	151 pF/m
Minimum Insulation Resistance:	1,500 MΩ*kft	457 MΩ*km

Quality runs deep!

Copyright © 2009