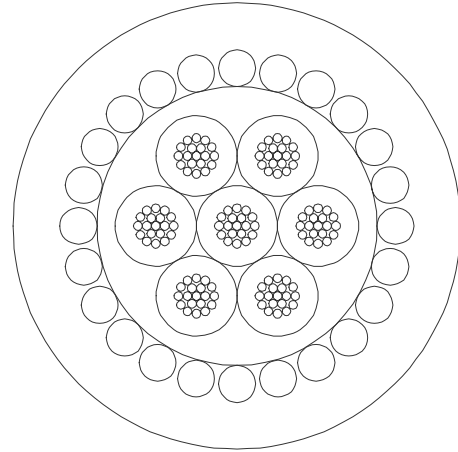


DATA LINE[®]

Description	Inch	mm
<u>ELEMENT - SINGLES (3)</u>		
Cdr: #16 AWG, 19/0.0113" TC	0.054	1.37
Ins: 0.023" Wall EPDM	0.100	2.54
<u>CABLING</u>		
6 Ins. Cdrs. Cabled around 1	0.300	7.62
<u>BELT</u>		
0.030" Wall black, flame retardant Hytrel.	0.360	9.14
<u>ARMOR</u>		
24/0.0455" Galvanized IPS wire.	0.437	11.10
<u>JACKET</u>		
0.059" Wall PVC, yellow, with flame retardant	0.555	14.10



MSHA Acceptance No. P-178-1-MSHA

PROPRIETARY; Use Pursuant to Company Instructions

tyco / Electronics / **The Rochester Corporation**

COAL MINE LIGHTING CABLE / TYPE 3-H-555
Code: P7ØØ1Ø3Ø1HVØØ

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PERFORMANCE CHARACTERISTICS

Nominal Values @ 20°C

	Metric	English
<u>PHYSICAL</u>		
Wt. in Air	473 kg/km	318 lb/kft
Specific Gravity	3.0	3.0
Operating Temperature Range	-40°C to 75°C	-40°F to 167°F
<u>MECHANICAL</u>		
Breaking Strength	35.5 kN	8,000 lbf
<u>ELECTRICAL</u>		
Voltage Rating	600 Vdc	600 Vdc
dc Resistance	16.7 Ω/km	5.1 Ω/kft
Capacitance @ 1 kHz		
cdr.-adjacent cdr.	118 pf/m	36 pf/ft
IR @ 500 Vdc	300 MΩ·km	1,000 MΩ·kft

PROPRIETARY; Use Pursuant to Company Instructions

tyco / *Electronics* / **The Rochester Corporation**

COAL MINE LIGHTING CABLE / TYPE 3-H-555
Code: P70010301HV00

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