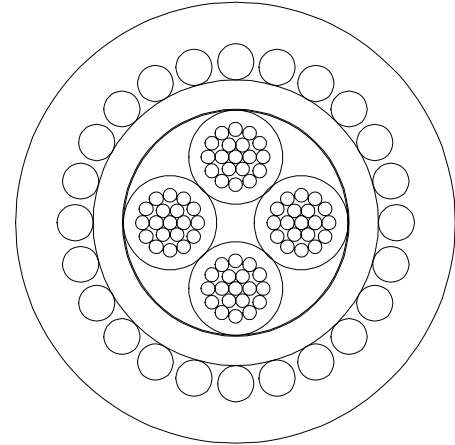


# DATALINE®

Description	Inch	mm
<u>POWER CONDUCTORS</u> - (4) Cdr: #12 AWG (19/0.0179") Cu Ins: 0.016" Wall PP	0.086 0.118	2.18 3.00
<u>ASSEMBLY</u> 4-Ins. Cdrs. cabled; taped	0.288	7.32
<u>BELT</u> 0.038" Wall Hytrel, blk. with Flame Retardant.	0.364	9.25
<u>ARMOR</u> 24/0.047" GIPS	0.448	11.38
<u>JACKET</u> 0.0535" Wall PVC, Blue	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 Code: P40010291HV00			
<b>Date</b>	<b>Page</b>	<b>Revision</b>	<b>Part No.</b>
07/19/2004	1	G	A302687

## PERFORMANCE CHARACTERISTICS

Nominal Values @ 20°C	Metric	English
<u>PHYSICAL</u>		
Wt. in Air	490 kg/km	329 lb/kft
Specific Gravity	3.1	3.1
Operating Temperature Range	-30°C to 80°C	-22°F to 176°F
<u>MECHANICAL</u>		
Breaking Strength	42.3 kN	9,500 lbf
<u>ELECTRICAL</u>		
Voltage Rating	600 Vdc	600 Vdc
dc Resistance	6.2 Ω/km	1.9 Ω/kft
IR @ 500 Vdc	1,500 MΩ•km	5,000 MΩ•kft

PROPRIETARY; Use Pursuant to Company Instructions

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

Coal Mine Lighting Cable Code: P40010291HV00			
<b>Date</b>	<b>Page</b>	<b>Revision</b>	<b>Part No.</b>
07/19/2004	2	G	A302687