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Technical Data Sheet

PART NUMBER: FM012-694-4 **ISSUED ON:** 1/16/02

DESCRIPTION: 7C-20AWG SIDE SCAN SONAR CABLE

CUSTOMER: Falmat, Inc.

SCOPE: Cable to consist of 7 conductors of 20AWG cabled together with PP or PE rod fills and interstices filled with TPE waterblock, an overall braided shield, a Kevlar strength braid and an overall polyurethane jacket

CONDUCTORS: 20(19/32) stranded tinned copper

INSULATION: .012" nom. wall Polypropylene
Approx. o.d. .062"

COMPONENTS: Kevlar braided layer over outer shield, under the polyurethane jacket, 1500 lb min. break strength

CABLE LAY: 7ea-20AWG planetary cabled around a center rod fill .081", with TPE waterblock in interstices

FILL: PP or PE rod fill, waterblock-olefinic elastomer, flex type

SHIELD: Braided tinned copper, 85% min, Adhesive mylar taped with DPR block on shield

BINDER: Mylar tape over shield and over cabled core

JACKET: Polyurethane .060"-.065" nom. wall tight fitting, 85A hardness

O.D. .380" min. - .395" max.

COLOR CODE: Red, Org, Yel, Grn, Blu, Viol, Brn

RATING: -30C to 85C, 300V cont., 1200V Hi-Pot
Breaking Strength - 750 lb. Min.
Bend Radius - 4.0"
Weight - 100 lbs/1000 ft.
Weight in Sea Water- 43 lbs/1000 ft.
Weight in Air- 95 lbs/1000 ft.

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