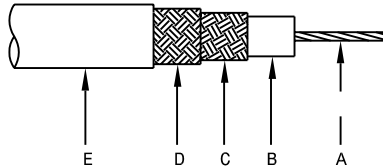


| Rev | Change | By | Date |
|-----|--------------------------|----|----------|
| A | Added Elec. & Phys Char. | | 04/26/99 |
| B | Added Ratings | | 09/15/99 |
| | | | |



Construction:

- A) Center Conductor:
30 7/38 SPCW
OD .012" Nom.
- B) Dielectric:
Extruded PTFE
OD .033" Nom.
- C) Shield #1
38 AWG SPC 95% Coverage
OD .049" Nom.
- D) Shield #2
38 AWG SPC 95% Coverage
OD .065" Nom.
- E) Jacket:
Extruded FEP Brown Tint
OD .084" Nom.

Electrical Properties:

Impedance: 50 ± 2 Ohms
 Capacitance: 32 pF/ft Max.
 Velocity of Prop.: 69.5% Nom.
 Time Delay: 1.45 ns/ft Nom.
 Cut off Frequency: 116 GHz

Attenuation (Max per 100 ft):

| | |
|---------|---------|
| .05 GHz | 11.6 dB |
| .10 GHz | 16 dB |
| .40 GHz | 33 dB |
| 1.0 GHz | 52 dB |
| 3.0 GHz | 94 dB |

Physical Properties:

Weight per 1000 ft: 6.25 lbs. Max.
 Minimum Bend Radius: .42"
 Operating Temperature Range: -55°C to 200°C

MASTER

Harbour Industries

4744 Shelburne Rd. PH. 802-985-3311
 Shelburne, VT 05482 Fax 802-985-0726

www.harbourind.com

Drawn By: S.K. Wooster

Approved By: *M.J. Piner*

Date:
07/11/97

Scale:
None

Part Number:
H2676

Rev:
B

Sheet 1 of 1

Drawing Name:
RG178 Double Shield

Drawing Number:
071197_1

This drawing contains proprietary information and is issued in strict confidence and shall not be copied, reproduced, transmitted or disclosed to any third party either wholly or in part without prior written approval of **Harbour Industries**. All copies outside of the **Harbour Industries** CAD system are UNCONTROLLED.