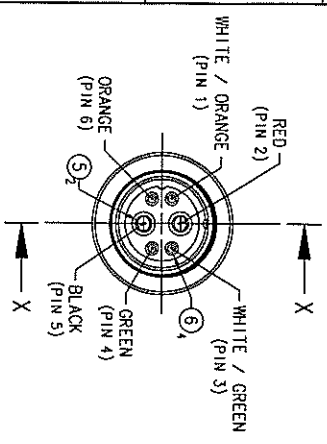
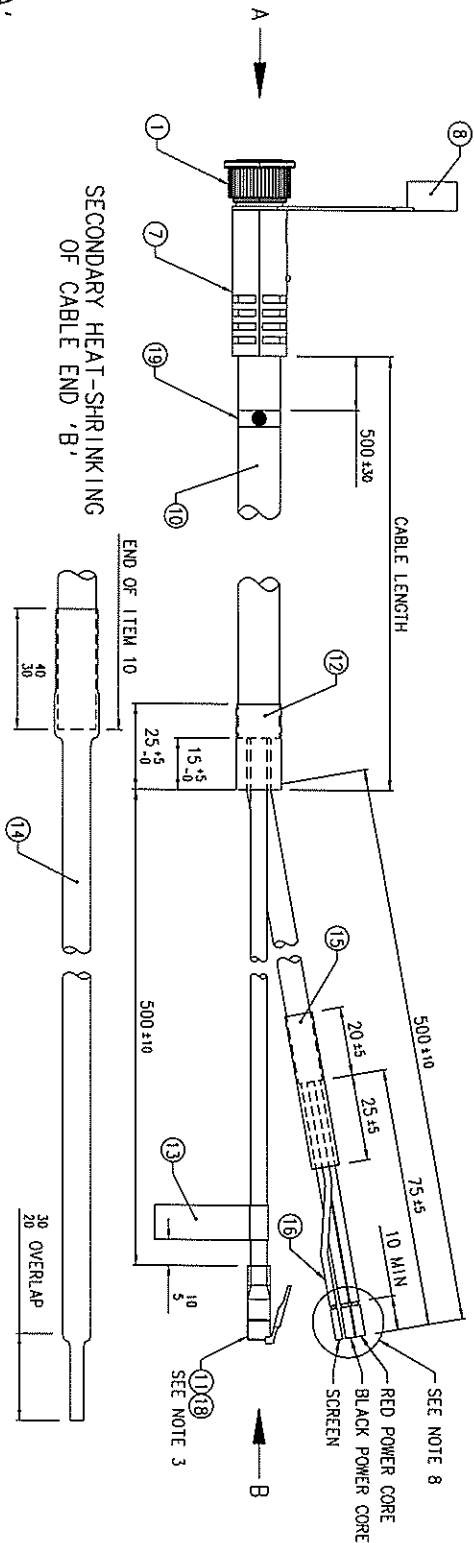


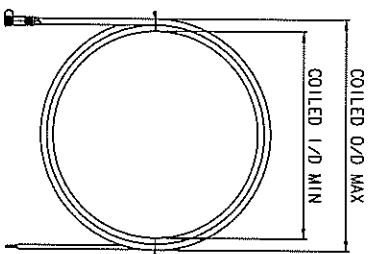
USED ON:

HTD Dome

SECONDARY HEAT-SHRINKING OF CABLE END 'B'

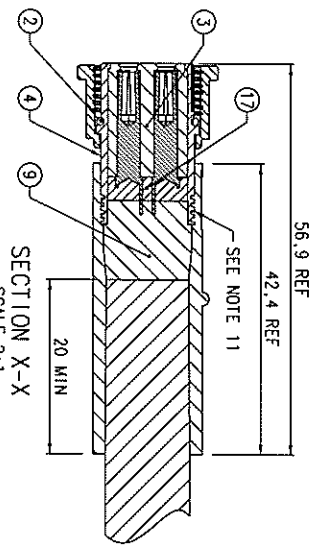


PIN OUT DETAILS VIEW ON ARROW A,
DUST CAP OMITTED FOR CLARITY.
SCALE 2:1

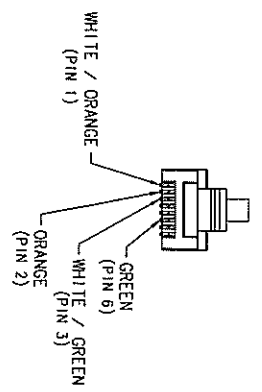


COILED -
SEE NOTE 4

PART NO.	NOMINAL LENGTH	TOLERANCE	COILED I/D MIN	COILED O/D MAX
4649-029	5m	5.3 / 5.0m	300	600
4649-030	10m	10.3 / 10.0m	300	400
4649-031	15m	15.3 / 15.0m	300	600
4649-032	25m	25.3 / 25.0m	300	600



SECTION X-X
SCALE 2:1
WIRES OMITTED FOR CLARITY

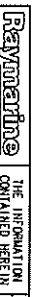


PIN OUT DETAILS,
VIEW ON ARROW B
SCALE 2:1

REV	DATE	BY	CHKD	DESCRIPTION
1				ISSUE
2				REVISED PER SPEC
3				REVISED PER SPEC
4				REVISED PER SPEC
5				REVISED PER SPEC
6				REVISED PER SPEC
7				REVISED PER SPEC
8				REVISED PER SPEC
9				REVISED PER SPEC
10				REVISED PER SPEC
11				REVISED PER SPEC
12				REVISED PER SPEC
13				REVISED PER SPEC
14				REVISED PER SPEC
15				REVISED PER SPEC
16				REVISED PER SPEC
17				REVISED PER SPEC
18				REVISED PER SPEC
19				REVISED PER SPEC

- NOTES
- PINS 1 & 6 ON CABLE END 'A' MUST BE WIRED AS A TWISTED PAIR TO PINS 1 & 2 ON CABLE END 'B'.
 - PINS 3 & 4 ON CABLE END 'A' MUST BE WIRED AS A TWISTED PAIR TO PINS 3 & 6 ON CABLE END 'B'.
 - SCREENING GRADE TO BE SECURELY ORANGED INSIDE CONNECTOR BACK SHELL USING APPROPRIATE NON-HEATSEALING CRIMP TOOLING.
 - CABLE TO BE SUPPLIED IN A CLEAR PLASTIC BAG (APPROX 700 X 700) COILED AS SHOWN. DUST CAPS FITTED AND WIRE TIE TAILS TO BE REMOVED. A WHITE SELF-ADHESIVE LABEL (APPROX 20 X 90) PRINTED IN BLACK WITH P/N: XXXXX, WHERE XXXXX IS THE PART NO. FROM TABLE ABOVE, MUST BE STUCK TO THE BAG.
 - CABLE AND CONNECTORS MUST BE ABLE TO WITHSTAND A PULL-OUT FORCE OF 3kg - ALONG THE CABLE AXIS, AT 45 AND AT 90 DEGREES. ENVIRONMENTAL TEST1 SPEC W_105-1247 SECTION 7.10 - LEAD PULL. DEFINES TEST PROCEDURE.

- FOR CABLE DETAILS, SEE DRAWING SPEC SPEC48-020 V.1.0 OR LONDON SPEC A9080031 REV NO AND SPEC A9080033 REV NO.
- INSULATION MUST BE LEFT ON POWER CORES AFTER CABLE STRIPPING.
- ITEMS 1 & 4 MATERIAL: ZINC PLATED CUMV/CV TO SPEC48-016.
- CABLE ASSEMBLIES TO BE DESIGNED AND MANUFACTURED IN ACCORDANCE WITH STANDARD IEC-4-610, REV 'D' DATED FEB 2005 - CLASS II MINIMUM.
- SCREEN TO BE SOLDERED TO RECEPTACLE SHELL (ITEM 4) OVER 360°.



THE INFORMATION CONTAINED HEREIN IS THE PROPERTY OF RAYCHEM INC. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.

TOLERANCES UNLESS OTHERWISE STATED:
DIMENSIONS: SURFACE ± 0.10, HOLE ± 0.10, SURFACE ± 0.05, HOLE ± 0.05.
DIMENSIONS IN MM SCALE: 1:1

DRAWN TO 85308 DO NOT SCALE - IF IN DOUBT ASK
MATERIAL SEE NOTES
FINISH SEE NOTES
DATE: 15/08/05
BY: J.R.S.
DATE: 27/08/05
BY: J.R.S.

2001 RAYCHEM LTD

DIGITAL CABLE ASSY

4649-029+

DATE: 15/08/05

BY: J.R.S.

DATE: 27/08/05

BY: J.R.S.