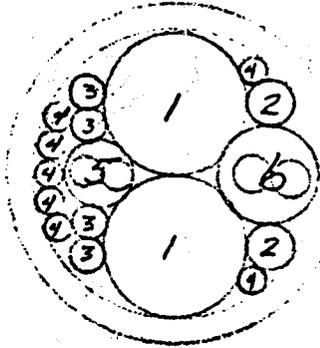


Specification Control Drawing			PART NUMBER 10137
Date issued 1/25/63	Revision A	Revision B	TV Camera Cable, 19 Conductor
This specification sheet forms a part of the latest issue of Raychem specification 1200.			



1. SCOPE: This specification describes a 19-conductor, impervious sheathed, radiation resistant TV camera cable.
2. REQUIREMENTS: Cable and components shall be capable of withstanding 1000-volt, rms, voltage test between any two conductors or any conductor and shield. Cable shall be capable of withstanding gamma radiation of  $2 \times 10^7$  Roentgens at  $10^5$  Roentgens/hour.
3. CONSTRUCTION
  - 3.1 Conductors
 

2/C Raychem 09-059 ①	4/C Raychem RT20(19)U ③
2/C Raychem RT16(19)U ②	7/C Raychem RT22(19)U ④
1 twisted pair of Raychem RT20(19)U ⑤	
1 shielded jacketed pair, Raychem RT20(19)ST2R ⑥	
  - 3.2 Cable: Conductors cabled with approximately 2 turns per foot in approximately the pattern illustrated.
  - 3.3 Wrap: Cable wrapped with Mylar tape, 50% overlap.
  - 3.4 Shield: Tight fitting braid of 34 AWG tinned copper, 85% minimum coverage.
  - 3.5 Jacket: Minimum thickness .040 inch black Rayolin VJ. Nominal thickness .050".
4. Nominal Diameter 0.625 inch.

	Original	Rev. A	Rev. B	<b>RAYCHEM.</b> CORPORATION Oakside at Northside Redwood City, California
Drawn by	<i>[Signature]</i>			
Checked by	<i>[Signature]</i>			