

WIRING DIAGRAM : 16 CORE CABLE

UNTERMINATED END	16 CORE CABLE	MOLEX I/O CONNECTOR	CONDUCTOR COLOUR REF
	CONDUCTOR No.	CIRCUIT No.	
1	1	1	WHITE
2	2	2	BROWN
5	3	3	GREY
16	4	4	YELLOW/BROWN
6	5	5	PINK
15	6	6	WHITE/YELLOW
7	7	7	BLUE
14	8	8	BROWN/GREEN
8	9	9	RED
13	10	10	GREEN/WHITE
9	11	11	BLACK
12	12	12	RED/BLUE
11	13	13	VIOLET
10	14	14	GREY/PINK
3	15	15	GREEN
4	16	16	YELLOW

CABLE SPECIFICATION : 16 CORE CABLE

LCABLE TYPE: FLAT RIBBON ROUND OTHER
 SPIRAL CABLE YES NO
 NO. OF CONDUCTORS 16

3. CABLE REQUIREMENTS: N/A

3. CONDUCTOR SPECIFICATIONS:

CONDUCTOR NO.	1 - 4	5 - 16
CONDUCTOR	CENTRE	OUTSIDE
MATERIAL	TINNED CU	TINNED CU
A.G.C.	22	30
STRANDING QTY/GAUGE	1/30	1/38
TENSILE STRENGTH	N/A	N/A
INSULATION 1		
MATERIAL	PVC	PVC
MIN. WALL THICKNESS	0.22 REF	0.20 REF
COLOUR	AS SPECIFIED IN DWG REF	
OUTSIDE DIAMETER	1.20 REF	0.18 REF
DIRECTION OF LAY	Z	S
LENGTH OF LAY	65.0 REF	
UL-RATING	UL - 2464	

4. FILLER: 1 ENOUGH TO MAKE THE ASSEMBLY ROUND
 2 POLYESTER FILM
 3 N/A

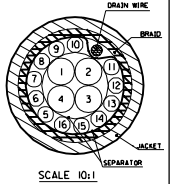
5. SEPARATOR: 1 POLYESTER FILM
 2 N/A
 3 FOIL TYPE N/A
 4 FOIL FACING N/A

7. DRAIN WIRE: 1 GAUGE 26 AWG
 2 STRANDING 1/34
 3 REQUIREMENT DRAIN TO BE ON THE OUTSIDE OF THE SEPARATOR

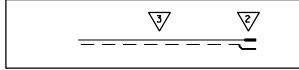
8. SPIRAL/BRAID: 1 GAUGE 24 x 8 x 0.1
 2 COPPER TYPE TINNED CU
 3 COVERAGE 50 %

9. CABLE JACKET: 1 TYPE PVC
 2 FINAL DIAMETER 0.8 REF
 3 MIN. THICKNESS BLACK
 4 COLOUR BLACK
 5 FINISH MILT
 6 UL-RATING UL - 2464
 7 HARDNESS
 8 STRETCHABILITY
 9 MARKINGS 'YEAR / MONTH MFG' OF MANUFACTURE TO BE PRINTED EVERY 500 TO IEC 62 INDEX 5.1

10. PACKAGING: 1 PACKAGING SEE PACKAGING SPECIFICATION ESTABLISHED BY LOCAL PURCHASING AND MANUFACTURING DEPARTMENTS.



WIRING DIAGRAM : RF CABLE



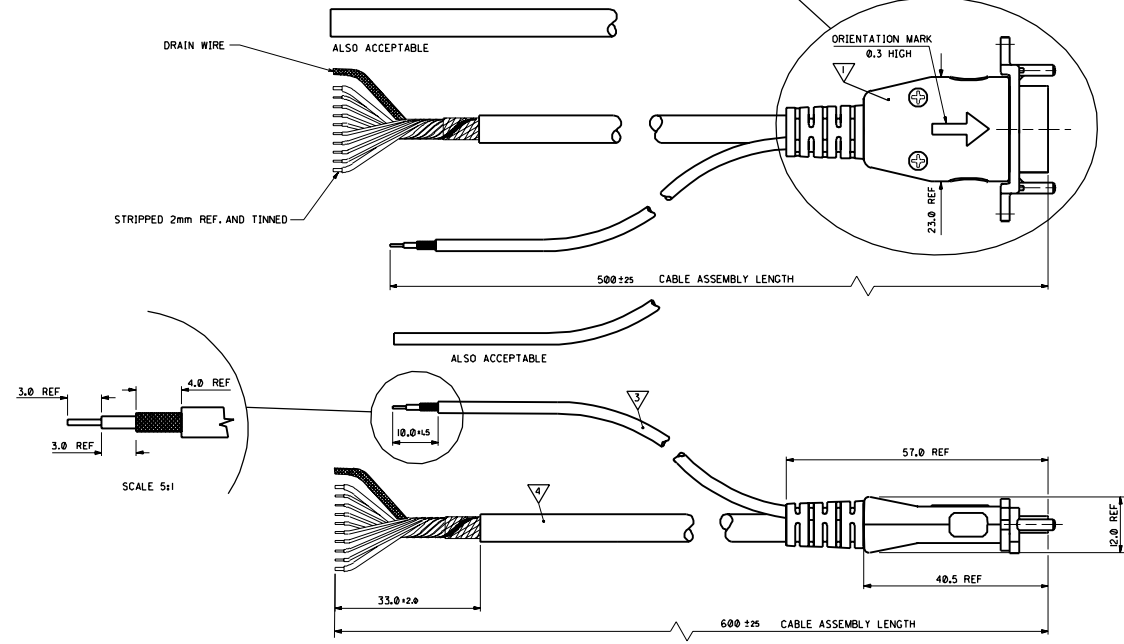
BILL OF MATERIALS

NO.	QUANTITY	SUPPLIER	DESCRIPTION	PART No.	SEE NOTE
1	1	MOLEX	16 CIRCUIT I/O MOBILE PHONE CRADLE CONNECTOR	90812-0001	1, 2, 3
2	1	MOLEX	COAXIAL RF CONNECTOR	90853-0001	5
3	1	NO PREFERRED SUPPLIERS	COAXIAL CABLE 50 OHM	RG 174 A/U	5
4	1	MOLEX	16 CORE CABLE SEE CABLE SPECIFICATION	99036-0001	5
5	10	NO PREFERRED SUPPLIERS	1.6 BORE HEAT SHRINK INSULATION TUBING	90848-0005	4, 5
6	1	MOLEX	MOULDED ON GROMMET	99038-0001	5, 6
7	1	NO PREFERRED SUPPLIERS	CRIMP RING	90875-0001	5
8	1	NO PREFERRED SUPPLIERS	HEAT SHRINK TUBING	90848-0007	4, 5

NOTES:

1. MATES WITH 90811 SERIES HANDSET CONNECTOR
2. SEE PRODUCT SPECIFICATION NO. PS-99020-0033
3. POWER CONTACTS TO BE ON CIRCUITS 12, 15 & 16.
4. CABLE CONDUCTORS 1, 2, 3, 5, 8, 10, 11, 12, 13, 15 & 16 TO BE COVERED WITH HEAT SHRINK TUBING.
5. ONLY AVAILABLE FROM MOLEX AS PART OF A CABLE ASSEMBLY.
6. SEE GROMMET SPECIFICATION ES-99038-0001
7. PACKAGING: SEE PACKING SPECIFICATION ES-99039-0002, AND LABELLED AS SHOWN. YEAR AND MONTH, "XX", TO BE PRINTED ACCORDING TO IEC 62 INDEX 5.1.
8. SEE TERMINATION SPECIFICATION ES-99033-0003.

V2485-I-Z1303-A117-1
 XX MXI
 MOLEX 90812-1002



FOR PREVIOUS DRAWING ISSUES SEE MRL.

DATE BY: 1998-08-21 JOC

REVISIONS: 1. PLACE IN A... 2. PLACE IN B... 3. PLACE IN C... 4. PLACE IN D... 5. PLACE IN E... 6. PLACE IN F... 7. PLACE IN G... 8. PLACE IN H... 9. PLACE IN I... 10. PLACE IN J... 11. PLACE IN K... 12. PLACE IN L... 13. PLACE IN M... 14. PLACE IN N... 15. PLACE IN O... 16. PLACE IN P... 17. PLACE IN Q... 18. PLACE IN R... 19. PLACE IN S... 20. PLACE IN T... 21. PLACE IN U... 22. PLACE IN V... 23. PLACE IN W... 24. PLACE IN X... 25. PLACE IN Y... 26. PLACE IN Z... 27. PLACE IN AA... 28. PLACE IN AB... 29. PLACE IN AC... 30. PLACE IN AD... 31. PLACE IN AE... 32. PLACE IN AF... 33. PLACE IN AG... 34. PLACE IN AH... 35. PLACE IN AI... 36. PLACE IN AJ... 37. PLACE IN AK... 38. PLACE IN AL... 39. PLACE IN AM... 40. PLACE IN AN... 41. PLACE IN AO... 42. PLACE IN AP... 43. PLACE IN AQ... 44. PLACE IN AR... 45. PLACE IN AS... 46. PLACE IN AT... 47. PLACE IN AU... 48. PLACE IN AV... 49. PLACE IN AW... 50. PLACE IN AX... 51. PLACE IN AY... 52. PLACE IN AZ... 53. PLACE IN BA... 54. 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