



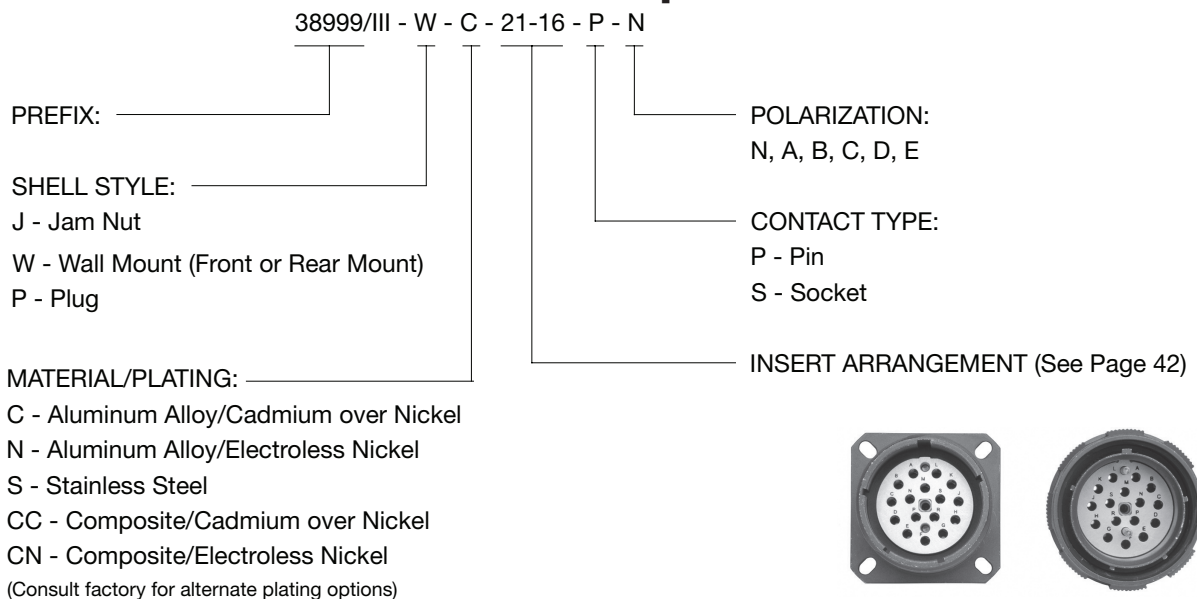
The ARINC 801 Fiber Optic Termini is the next generation of butt-joint interconnect technology allowing for higher density multichannel connectors to be achieved. With its standard 1.25 mm ferrule and sleeve, the ARINC 801 Termini is designed for both multi-mode and single-mode applications and is compatible with standard LC termination processes. The Termini is available both as a pull-proof design and a general use design for tight jacketed cable.

For the pull-proof design, the cable jacket is crimped on an external body and a floating mechanism avoids any loss of performance when pulling on the cable. This feature allows for the use of the connector without a backshell. Standard connector formats include MIL-DTL-38999 Series III type, MIL-DTL-83527 type, ARINC 600 and ARINC 781.

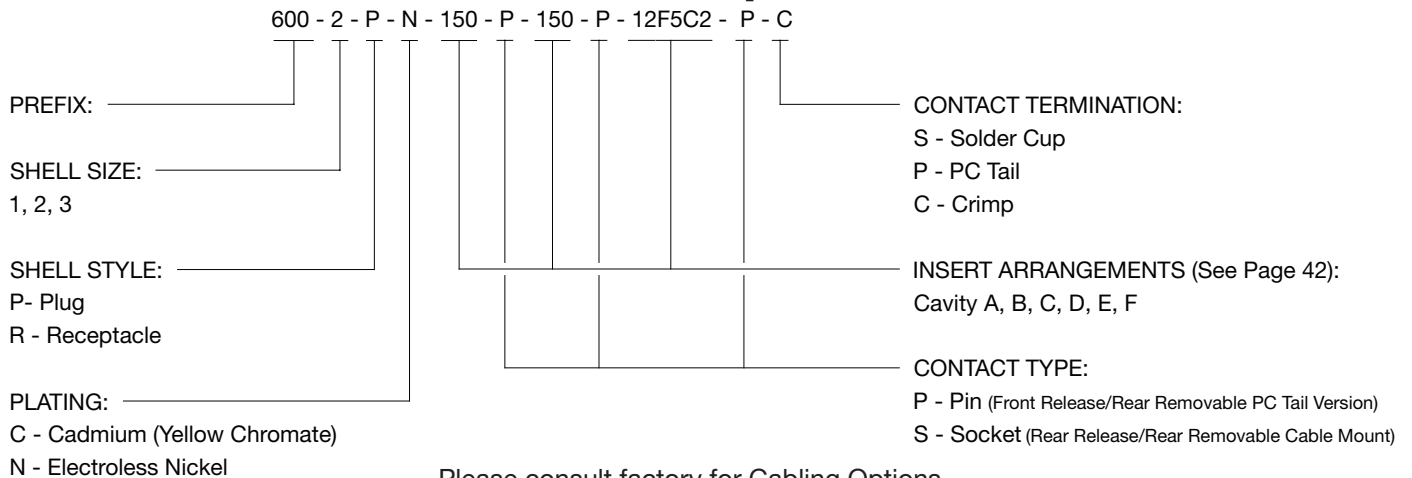
ARINC 801 fiber optic termini are available with APC (angle polish). The angle – between 5 and 15 degrees – on the termini tip prevents excessive back reflection - light that reflects from the interface and travels back up the fiber. These angle-polished connectors should only be mated to other angle-polished connectors as mating to a non-angle polished connector can cause very high insertion loss.

Sabritec has successfully passed qualification testing of its Size 16 ARINC 801 Termini for single and multi-mode applications. Qualification test results show that Sabritec's ARINC 801 Termini maintains its low loss while being intermateable/interoperable with qualified termini and connectors. For complete qualification test results visit our website.

MIL-DTL-38999 Part Number Description Code for ARINC 801

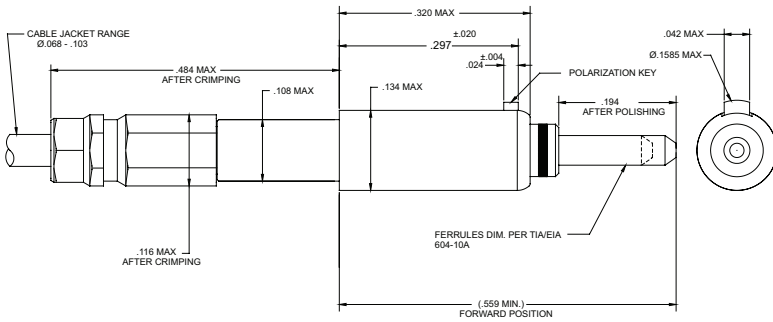


ARINC 600 Part Number Description Code for ARINC 801



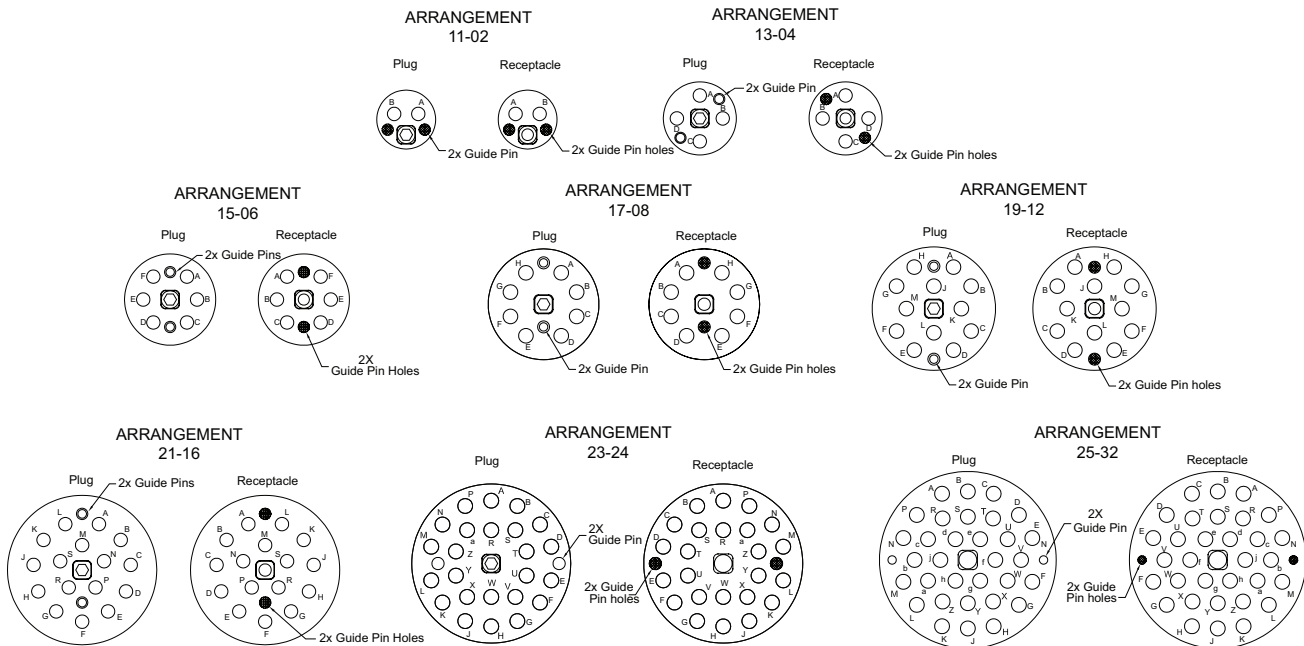
Please consult factory for Cabling Options

Size 16 ARINC 801 Termini



Part Number	Mode	Style	Polish
238500-8000	Multi	Pull Proof Loose Jacket	PC
238500-8001	Multi	Tight Jacket	PC
238500-8002	Single	Pull Proof Loose Jacket	PC
238500-8003	Single	Pull Proof Loose Jacket	APC
238500-8004	Single	Tight Jacket	PC
238500-8005	Single	Tight Jacket	APC

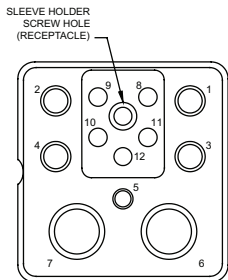
MIL-DTL-38999 Insert Arrangement for ARINC 801



Consult factory for additional arrangements

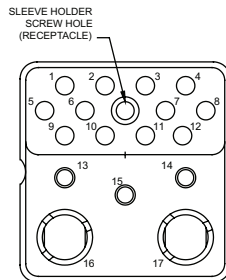
ARINC 600 Insert Arrangement for ARINC 801

ARRANGEMENT 12F5C2



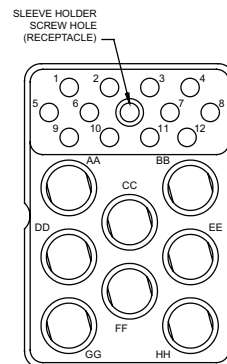
QTY	CONTACT SIZE	CAVITY I.D.
4	12 (ELECTRICAL)	1 THRU 4
1	16 (ELECTRICAL)	5
2	5 (QUADRAX)	6 THRU 7
5	16 (OPTICAL TERMINI)	8 THRU 12

ARRANGEMENT 17F12Q2



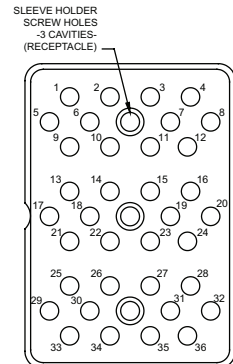
QTY	CONTACT SIZE	CAVITY I.D.
12	16 (OPTICAL TERMINI)	1 THRU 12
3	16 (ELECTRICAL)	13 THRU 15
2	8 (QUADRAX)	16 THRU 17

ARRANGEMENT 20F12T8/20F12Q8



QTY	CONTACT SIZE	CAVITY I.D.
12	16 (OPTICAL TERMINI)	1 THRU 12
8	8 (TWINAX/QUADRAX)	AA THRU HH

ARRANGEMENT 36F36



QTY	CONTACT SIZE	CAVITY I.D.
36	16 (OPTICAL TERMINI)	1 THRU 36