

Screenbraid

PE90 & PE93



Interconnect Solutions Worldwide

Screenbraid is an electrical EMC/RFI screen braided product which is supplied on a plastic former in order to ease cable harness assembly.

The wire bundle is threaded through the tube and then withdrawn to leave the Screenbraid neatly over the wire bundles. Screenbraid can then be terminated to the connector by using a Polamco shielded adaptor in typical use.

SCREENBRAID 90

This has a minimum 90% coverage and covers a cable diameter range of 2mm to 40mm

SCREENBRAID 93

This has a minimum 93% coverage and is more flexible than the Screenbraid 90 and also has a higher expansion ratio. It covers a cable diameter range of 2,0 mm to 60mm.

Both products are offered in tinned copper but are both available in nickel plated copper for high temperature applications.



EXAMPLE PART NUMBERING PE93-10.0-T-D

PE93 =	SERIES
10.0 =	SIZE
T =	(N-NICKEL PLATED COPPER WIRE TO BS4109 AND ASTM B355) (T-TINNED PLATED COPPER WIRE TP BS4109)
D =	DOUBLE BRAID OPTION (OMIT FOR SINGLE BRAID)

SCREENBRAID							
PART NUMBER	DIAMETER OF FORMER (mm)	NO. OF CARRIERS	NO. OF ENDS PER CARRIER	INDIVIDUAL STRAND SIZE AWG/(MM)	MIN COVERAGE %	CABLE BUNDLE TOLERANCE (MAX/MIN)	APPROX. MASS EXC FORMER (KG/KM)
	PE90-3,0-*	3,0	16	5	36 / 0,13	90	3,5 / 2,0
PE90-4,0-*	4,0	16	7	36 / 0,13	90	5,0 / 3,0	14,5
PE90-5,0-*	5,0	24	6	36 / 0,13	90	6,0 / 4,0	19,0
PE90-6,0-*	6,0	24	7	36 / 0,13	90	8,0 / 5,0	22,0
PE90 10,0-*	10,0	24	9	34 / 0,16	90	12,0 / 7,0	44,0
PE90-12,5-*	12,5	24	10	34 / 0,16	90	14,0 / 11,0	48,0
PE90-15,0-*	15,0	24	11	32 / 0,20	90	18,0 / 13,0	83,0
PE90-20,0-*	20,0	48	11	36 / 0,13	90	23,0 / 17,0	100,0
PE90-25,0-*	25,0	36	9	30 / 0,25	90	28,0 / 22,0	112,5
PE90-30,0-*	30,0	36	9	28 / 0,31	90	40,0 / 27,0	193,0
PE93-2,0-*	2,0	16	10	38/0,10	95	3,0/2,0	10
PE93-3,0-*	3,0	16	10	38 / 0,10	93	5,0 / 2,5	12,5
PE93-4,0-*	4,0	24	7	36 / 0,13	93	9,0 / 3,7	22,0
PE93-6,0-*	6,0	24	9	36 / 0,13	93	13,5 / 4,6	28,0
PE93-7,5-*	7,5	24	14	36 / 0,13	93	16,0 / 7,5	44,0
PE93-10,0-*	10,0	48	8	36 / 0,13	93	22,5 / 9,0	50,0
PE93-12,5-*	12,5	48	11	36 / 0,13	93	24,0 / 11,0	75,0
PE93-15,0-*	15,0	48	11	36 / 0,13	93	25,0 / 10,0	75,0
PE93-20,0-*	20,0	48	16	36 / 0,13	93	32,0 / 17,0	100,0
PE93-25,0-*	25,0	48	18	36 / 0,13	93	40,0 / 15,0	112,5
PE93-30,0-*	30,0	48	20	36 / 0,16	93	60,0 / 30,0	193,0

SUPPLIED IN 50m APPROX. MULTIPLES - PRICE AND DELIVERY AVAILABLE ON REQUEST