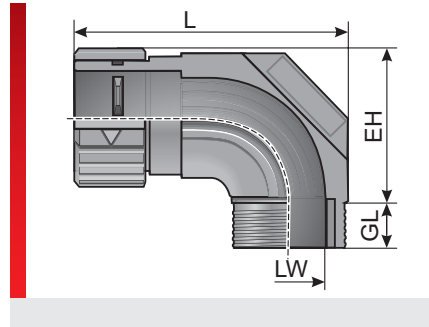


Type WSV 90° (angle plug-in fitting)



PRODUCT INFORMATION

The WSV conduit fittings are made of specially modified polyamide 6. The materials are halogen, phosphor and cadmium-free. The affordable MSV conduit fittings feature the following advantages:

- No parts can get lost, delivered completely assembled
- Cost reduction through simple assembly work, insert conduit and done

- Simple opening mechanism
- Tightness of IP 54 for static and dynamic application, IP 65 with additional mounting of an O-ring

Specification:

- EN 45545-2 3x HL3
- NFPA 130: ASTM E 162, ASTM E 662
- ECE 324 R 118 Annex 6+8

SPECIFICATIONS

	Fitting: Mod. polyamide PA 6
	-40 – 110 °F Short periods 140 °F
	IP 54 IP 65 with sealing ring DR-NBR
	acc. to UL94 V0 self-extinguishing
	C.I.T. R22 / R23 HL3 = 12:43 AM LOI R22 / R23 HL3 = 33,8 % Ds (max.) R22 / R23 HL3 = 63

Article	Order No.	Color	Connecting thread	Suitable for Murrflex	EH mm	GL mm	LW mm	MOQ pcs.
WSV-M16x1.5/9	83605050	Black	M16x1,5	M12/P09	26.00	7.50	10.00	50
WSV-M20x1.5/11	83605052	Black	M20x1,5	M16/P11	29.00	8.00	12.00	50
WSV-M25x1.5/16	83605054	Black	M25x1,5	M20/P16(S)	32.00	10.00	16.00	50
WSV-M32x1.5/21	83605056	Black	M32x1,5	M25/P21(S)	39.00	11.00	22.00	25
WSV-M40x1.5/29	83605058	Black	M40x1,5	M32/P29(S)	51.00	12.00	28.00	25
WSV-M50x1.5/36	83605060	Black	M50x1,5	M40/P36(S)	70.00	15.00	35.00	10
WSV-M63x1.5/48	83605062	Black	M63x1,5	M50/P48(S)	96.00	15.00	49.00	10
WSV-M16x1.5/9	83605010	Gray	M16x1,5	M12/P09	26.00	7.50	10.00	50
WSV-M20x1.5/11	83605012	Gray	M20x1,5	M16/P11	29.00	8.00	12.00	50
WSV-M25x1.5/16	83605014	Gray	M25x1,5	M20/P16(S)	32.00	10.00	16.00	50
WSV-M32x1.5/21	83605016	Gray	M32x1,5	M25/P21(S)	39.00	11.00	22.00	25
WSV-M40x1.5/29	83605018	Gray	M40x1,5	M32/P29(S)	51.00	12.00	28.00	25
WSV-M50x1.5/36	83605020	Gray	M50x1,5	M40/P36(S)	70.00	15.00	35.00	10
WSV-M63x1.5/48	83605022	Gray	M63x1,5	M50/P48(S)	96.00	15.00	49.00	10
WSV-Pg 09	83601450	Black	Pg 09	M12/P09	28.50	8.00	13.00	50
WSV-Pg 11	83601452	Black	Pg 11	M16/P11	28.50	8.00	13.00	50
WSV-Pg 13.5/16	83601454	Black	Pg 13.5	M20/P16(S)	32.00	10.00	16.00	50
WSV-Pg 16	83601456	Black	Pg 16	M20/P16(S)	32.00	10.00	16.00	50
WSV-Pg 21	83601458	Black	Pg 21	M25/P21(S)	38.50	11.50	22.00	25
WSV-Pg 29	83601460	Black	Pg 29	M32/P29(S)	50.50	12.00	28.00	25
WSV-Pg 36	83601462	Black	Pg 36	M40/P36(S)	70.00	15.50	35.00	10

Type WSV 90° (angle plug-in fitting)

Article	Order No.	Color	Connecting thread	Suitable for Murrflex	EH mm	GL mm	LW mm	MOQ pcs.
WSV-Pg 48	83601464	Black	Pg 48	M50/P48(S)	96.00	16.00	49.00	10
WSV-Pg 09	83601410	Gray	Pg 09	M12/P09	28.50	8.00	13.00	50
WSV-Pg 11	83601412	Gray	Pg 11	M16/P11	28.50	8.00	13.00	50
WSV-Pg 13.5/16	83601414	Gray	Pg 13.5	M20/P16(S)	32.00	10.00	16.00	50
WSV-Pg 16	83601416	Gray	Pg 16	M20/P16(S)	32.00	10.00	16.00	50
WSV-Pg 21	83601418	Gray	Pg 21	M25/P21(S)	38.50	11.50	22.00	25
WSV-Pg 29	83601420	Gray	Pg 29	M32/P29(S)	50.50	12.00	28.00	25
WSV-Pg 36	83601422	Gray	Pg 36	M40/P36(S)	70.00	15.50	35.00	10
WSV-Pg 48	83601424	Gray	Pg 48	M50/P48(S)	96.00	16.00	49.00	10
WSV-NPT-3/8"/11 ¹⁾	83602052	Black	3/8"	M16/P11	28.00	8.00	13.00	50
WSV-NPT-1/2"/16	83602056	Black	1/2"	M20/P16(S)	32.00	10.00	16.00	50
WSV-NPT-3/4"/21	83602058	Black	3/4"	M25/P21(S)	39.00	10.00	22.00	25
WSV-NPT-1"/29	83602060	Black	1"	M32/P29(S)	51.00	12.00	28.00	25
WSV-NPT-3/8"/11 ¹⁾	83602012	Gray	3/8"	M16/P11	28.00	8.00	13.00	50
WSV-NPT-1/2"/16 ¹⁾	83602016	Gray	1/2"	M20/P16(S)	32.00	10.00	16.00	50
WSV-NPT-3/4"/21	83602018	Gray	3/4"	M25/P21(S)	39.00	10.00	22.00	25
WSV-NPT-1"/29 ¹⁾	83602020	Gray	1"	M32/P29(S)	51.00	12.00	28.00	25

¹⁾ No stock goods, delivery time and minimum order quantities upon request

MATERIAL PROPERTIES



Fitting: Mod. polyamide PA 6

THERMAL PROPERTIES



Temperature / temperature range
-40 – 110 °F Short periods 140 °F

PROTECTION CLASS



Protection class
IP 54
IP 65 with sealing ring DR-NBR

FIRE BEHAVIOR



acc. to UL94 V0 self-extinguishing



Fire properties as per EN 45545-2 :
C.I.T. R22 / R23 HL3 = 12:43 AM
LOI R22 / R23 HL3 = 33,8 %
Ds (max.) R22 / R23 HL3 = 63

TECHNICAL INFORMATION



Halogen-free

Type WSV 90° (angle plug-in fitting)

CONFORMITY

 **RoHS (EC Directive 2011/65/EU)**

APPROVALS AND OPERATING PERMITS

 **Railway EU approval**
EN 45545-2 R22/R23 3x HL3

 **cURus-approval**

GENERAL INFORMATION

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