How to Specify dBzSHIELD® Shielded Flexible Conduit – Cage Code 4GXD9

Type BBS® Specification Table					
MANUFACTURER	**BRAND NAME**	**SPECIFICATION PART NUMBER**	**TRADE SIZE (INCHES)**	**SHIELDING CONDUIT CORE**	**JACKET COMPOUND**
ZERO GROUND	dBzSHIELD	BBS 0.375	3/8	Bronze + Tinned Copper Braid	PVC
ZERO GROUND	dBzSHIELD	BBS 0.500	1/2	Bronze + Tinned Copper Braid	PVC
ZERO GROUND	dBzSHIELD	BBS 0.750	3/4	Bronze + Tinned Copper Braid	PVC
ZERO GROUND	dBzSHIELD	BBS 1.000	1	Bronze + Tinned Copper Braid	PVC
ZERO GROUND	dBzSHIELD	BBS 1.250	1 1/4	Bronze + Tinned Copper Braid	PVC
ZERO GROUND	dBzSHIELD	BBS 1.500	1 1/2	Bronze + Tinned Copper Braid	PVC
ZERO GROUND	dBzSHIELD	BBS 2.000	2	Bronze + Tinned Copper Braid	PVC

Typical Specification: Conduit shall be Zero Ground dBzSHIELD® Type BBS. Cage Code 4GXD9. Flexible conduit core shall be square-locked or interlocked bronze, covered with 90% minimum tinned copper braid. Extruded jacket shall be flame-retardant and sunlight resistant extruded PVC (or thermoplastic), -55C to 105C. Liquid tight. Conduit shall be tested for shield effectiveness from 10KHz to18GHz. RoHS and WEEE compliant. Dimensions to US Trade sizes; compatible with standard LFMC fittings and custom Zero Ground dBzAdapter® to military connector.

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dBz SHIELD

Type L-BBS® Specification Table					
MANUFACTURER	**BRAND NAME**	**SPECIFICATION PART NUMBER**	**TRADE SIZE (INCHES)**	**SHIELDING CONDUIT CORE**	**JACKET COMPOUND**
ZERO GROUND	dBzSHIELD	L-BBS 0.375	3/8	Bronze + Tinned Copper Braid	Polyurethane
ZERO GROUND	dBzSHIELD	L-BBS 0.500	1/2	Bronze + Tinned Copper Braid	Polyurethane
ZERO GROUND	dBzSHIELD	L-BBS 0.750	3/4	Steel + Tinned Copper Braid	Polyurethane
ZERO GROUND	dBzSHIELD	L-BBS 1.000	1	Bronze + Tinned Copper Braid	Polyurethane
ZERO GROUND	dBzSHIELD	L-BBS 1.250	1 1/4	Bronze + Tinned Copper Braid	Polyurethane
ZERO GROUND	dBzSHIELD	L-BBS 1.500	1 1/2	Bronze + Tinned Copper Braid	Polyurethane
ZERO GROUND	dBzSHIELD	L-BBS 2.000	2	Bronze + Tinned Copper Braid	Polyurethane

Typical Specification: Conduit shall be Zero Ground dBzSHIELD® Type L-BBS. Cage Code 4GXD9. Flexible conduit core shall be square-locked or interlocked bronze, covered with 90% minimum tinned copper braid. Extruded jacket shall be flame retardant, low toxicity extruded polyurethane, -40C to 80C Air / 60C Wet / 70C Oil. Conduit shall be tested for shield effectiveness from 10KHz to 18GHz. RoHS and WEEE compliant. Dimensions to US Trade sizes; compatible with standard LFMC fittings and custom Zero Ground dBzAdapter® to military connector.

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dBz SHIELD

Type SBS® Specification Table					
MANUFACTURER	**BRAND NAME**	**SPECIFICATION PART NUMBER**	**TRADE SIZE (INCHES)**	**SHIELDING CONDUIT CORE**	**JACKET COMPOUND**
ZERO GROUND	dBzSHIELD	SBS 0.375	3/8	Steel + Tinned Copper Braid	PVC
ZERO GROUND	dBzSHIELD	SBS 0.500	1/2	Steel + Tinned Copper Braid	PVC
ZERO GROUND	dBzSHIELD	SBS 0.750	3/4	Steel + Tinned Copper Braid	PVC
ZERO GROUND	dBzSHIELD	SBS 1.000	1	Steel + Tinned Copper Braid	PVC
ZERO GROUND	dBzSHIELD	SBS 1.250	1 1/4	Steel + Tinned Copper Braid	PVC
ZERO GROUND	dBzSHIELD	SBS 1.500	1 1/2	Steel + Tinned Copper Braid	PVC
ZERO GROUND	dBzSHIELD	SBS 2.000	2	Steel + Tinned Copper Braid	PVC

Typical Specification: Conduit shall be Zero Ground dBzSHIELD® Type SBS. Cage Code 4GXD9. Flexible conduit core shall be square-locked or interlocked zinc-coated steel, covered with 90% minimum tinned copper braid. Extruded jacket shall be flame-retardant and sunlight resistant extruded PVC (or thermoplastic), -55C to 105C. Liquid tight. Conduit shall be tested for shield effectiveness from 10KHz to 18GHz. RoHS and WEEE compliant. Dimensions to US Trade sizes; compatible with standard LFMC fittings and custom Zero Ground dBzAdapter® to military connector.

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dBz SHIELD

Type L-SBS® Specification Table					
MANUFACTURER	**BRAND NAME**	**SPECIFICATION PART NUMBER**	**TRADE SIZE (INCHES)**	**SHIELDING CONDUIT CORE**	**JACKET COMPOUND**
ZERO GROUND	dBzSHIELD	L-SBS 0.375	3/8	Steel + Tinned Copper Braid	Polyurethane
ZERO GROUND	dBzSHIELD	L-SBS 0.500	1/2	Steel + Tinned Copper Braid	Polyurethane
ZERO GROUND	dBzSHIELD	L-SBS 0.750	3/4	Steel + Tinned Copper Braid	Polyurethane
ZERO GROUND	dBzSHIELD	L-SBS 1.000	1	Steel + Tinned Copper Braid	Polyurethane
ZERO GROUND	dBzSHIELD	L-SBS 1.250	1 1/4	Steel + Tinned Copper Braid	Polyurethane
ZERO GROUND	dBzSHIELD	L-SBS 1.500	1 1/2	Steel + Tinned Copper Braid	Polyurethane
ZERO GROUND	dBzSHIELD	L-SBS 2.000	2	Steel + Tinned Copper Braid	Polyurethane

Typical Specification: Conduit shall be Zero Ground dBzSHIELD® Type L-SBS. Cage Code 4GXD9. Flexible conduit core shall be square-locked or interlocked zinc-coated steel, covered with 90% minimum tinned copper braid. Extruded jacket shall be flame retardant, low toxicity extruded polyurethane, -40C to 80C Air / 60C Wet / 70C Oil. Conduit shall be tested for shield effectiveness from 10KHz – 18GHz. RoHS and WEEE compliant. Dimensions to US Trade sizes; compatible with standard LFMC fittings and custom Zero Ground dBzAdapter® to military connector.

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dBz SHIELD

Type ABS® Specification Table					
MANUFACTURER	**BRAND NAME**	**SPECIFICATION PART NUMBER**	**TRADE SIZE (INCHES)**	**SHIELDING CONDUIT CORE**	**JACKET COMPOUND**
ZERO GROUND	dBzSHIELD	ABS 0.375	3/8	Aluminum + Tinned Copper Braid	PVC
ZERO GROUND	dBzSHIELD	ABS 0.500	1/2	Aluminum + Tinned Copper Braid	PVC
ZERO GROUND	dBzSHIELD	ABS 0.750	3/4	Aluminum + Tinned Copper Braid	PVC
ZERO GROUND	dBzSHIELD	ABS 1.000	1	Aluminum + Tinned Copper Braid	PVC
ZERO GROUND	dBzSHIELD	ABS 1.250	1 1/4	Aluminum + Tinned Copper Braid	PVC
ZERO GROUND	dBzSHIELD	ABS 1.500	1 1/2	Aluminum + Tinned Copper Braid	PVC
ZERO GROUND	dBzSHIELD	ABS 2.000	2	Aluminum + Tinned Copper Braid	PVC

Typical Specification: Conduit shall be Zero Ground dBzSHIELD® Type ABS. Cage Code 4GXD9. Flexible conduit core shall be continuously locked aluminum, covered with 90% minimum tinned copper braid. Extruded jacket shall be flame-retardant and sunlight resistant extruded PVC (or thermoplastic), -55C to 105C. Liquid tight. Conduit shall be tested for shield effectiveness from 10KHz to 18GHz. RoHS and WEEE compliant. Dimensions to US Trade sizes; compatible with standard LFMC fittings and custom Zero Ground dBzAdapter® to military connector.

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dBz SHIELD

Type L-ABS® Specification Table					
MANUFACTURER	**BRAND NAME**	**SPECIFICATION PART NUMBER**	**TRADE SIZE (INCHES)**	**SHIELDING CONDUIT CORE**	**JACKET COMPOUND**
ZERO GROUND	dBzSHIELD	L-ABS 0.375	3/8	Aluminum + Tinned Copper Braid	Polyurethane
ZERO GROUND	dBzSHIELD	L-ABS 0.500	1/2	Aluminum + Tinned Copper Braid	Polyurethane
ZERO GROUND	dBzSHIELD	L-ABS 0.750	3/4	Aluminum + Tinned Copper Braid	Polyurethane
ZERO GROUND	dBzSHIELD	L-ABS 1.000	1	Aluminum + Tinned Copper Braid	Polyurethane
ZERO GROUND	dBzSHIELD	L-ABS 1.250	1 1/4	Aluminum + Tinned Copper Braid	Polyurethane
ZERO GROUND	dBzSHIELD	L-ABS 1.500	1 1/2	Aluminum + Tinned Copper Braid	Polyurethane
ZERO GROUND	dBzSHIELD	L-ABS 2.000	2	Aluminum + Tinned Copper Braid	Polyurethane

Typical Specification: Conduit shall be Zero Ground dBzSHIELD® Type L-ABS. Cage Code 4GXD9. Flexible conduit core shall be continuously locked aluminum, covered with 90% minimum tinned copper braid. Extruded jacket shall be flame retardant, low toxicity extruded polyurethane, -40C to 80C Air / 60C Wet / 70C Oil. Conduit shall be tested for shield effectiveness from 10KHz – 18GHz. RoHS and WEEE compliant. Dimensions to US Trade sizes; compatible with standard LFMC fittings and custom Zero Ground dBzAdapter® to military connector.

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dBz SHIELD

Type IBC® Specification Table					
MANUFACTURER	**BRAND NAME**	**SPECIFICATION PART NUMBER**	**TRADE SIZE (INCHES)**	**SHIELDING CONDUIT CORE**	**JACKET COMPOUND**
ZERO GROUND	dBzSHIELD	IBC 0.375	3/8	Bronze	PVC
ZERO GROUND	dBzSHIELD	IBC 0.500	1/2	Bronze	PVC
ZERO GROUND	dBzSHIELD	IBC 0.750	3/4	Bronze	PVC
ZERO GROUND	dBzSHIELD	IBC 1.000	1	Bronze	PVC
ZERO GROUND	dBzSHIELD	IBC 1.250	1 1/4	Bronze	PVC
ZERO GROUND	dBzSHIELD	IBC 1.500	1 1/2	Bronze	PVC
ZERO GROUND	dBzSHIELD	IBC 2.000	2	Bronze	PVC
ZERO GROUND	dBzSHIELD	IBC 2.500	2 1/2	Bronze	PVC
ZERO GROUND	dBzSHIELD	IBC 3.000	3	Bronze	PVC
ZERO GROUND	dBzSHIELD	IBC 4.000	4	Bronze	PVC

Typical Specification: Conduit shall be Zero Ground dBzSHIELD® Type IBC. Cage Code 4GXD9. Flexible conduit core shall be square-locked or interlocked bronze. Extruded jacket shall be flame-retardant and sunlight resistant extruded PVC (or thermoplastic), -55C to 105C. Liquid tight. Conduit shall be tested for shield effectiveness from 10KHz to 18GHz. RoHS and WEEE compliant. Dimensions to US Trade sizes; compatible with standard LFMC fittings and custom Zero Ground dBzAdapter® to military connector.

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dBz SHIELD

Type L-IBC® Specification Table					
MANUFACTURER	**BRAND NAME**	**SPECIFICATION PART NUMBER**	**TRADE SIZE (INCHES)**	**SHIELDING CONDUIT CORE**	**JACKET COMPOUND**
ZERO GROUND	dBzSHIELD	L-IBC 2.000	2	Bronze	Polyurethane
ZERO GROUND	dBzSHIELD	L-IBC 2.500	2 1/2	Bronze	Polyurethane
ZERO GROUND	dBzSHIELD	L-IBC 3.000	3	Bronze	Polyurethane
ZERO GROUND	dBzSHIELD	L-IBC 4.000	4	Bronze	Polyurethane

Typical Specification: Conduit shall be Zero Ground dBzSHIELD® Type L-IBC. Cage Code 4GXD9. Flexible conduit core shall be square-locked or interlocked bronze. Extruded jacket shall be flame retardant, low toxicity extruded polyurethane, -40C to 80C Air / 60C Wet / 70C Oil. Conduit shall be tested for shield effectiveness from 10KHz to 18GHz. RoHS and WEEE compliant. Dimensions to US Trade sizes; compatible with standard LFMC fittings and custom Zero Ground DBzAdapter® to military connector.

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