



Specification Resource Guide

dBzSHIELD® Flex Shielded Conduit for EMI/RFI/EMP



ZERO GROUND dBzSHIELD Customer Service & Technical Support

Ask for Linda Sardone, Sales Manager
Telephone: 1-401-377-8389
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dBzSHIELD Engineering assistance
Availability
Literature by email

dBzSHIELD resellers
Sample request
Value added services

INFORMATION RESOURCE	INFORMATION TYPE	WHAT CAN I FIND HERE?
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www.dBzSHIELD.com Webpage Guide

Home Page	webpage-HOME	Learn what's new with dBzSHIELD; how to navigate our website
All Technical Information	webpage - TOOLS	All Technical Information, links and pdfs
Defense & Government Market Solutions, Applications	webpage - DEFENSE	Identify your problem or goal; how can dBzSHIELD add value
Commercial & Industrial Market Solutions, Applications	webpage - COMMERCIAL	Identify your problem or goal; how can dBzSHIELD add value
dBzSHIELD® Product Line	webpage - CONDUIT PRODUCTS	Learn about the scope of the dBzSHIELD product line
dBzAdapter™ Product Line	webpage - ADAPTER PRODUCTS	How to integrate a round backshell Mil Connector
All Termination Options and Component Sources	webpage - TERMINATION	Everything about terminating dBzSHIELD
Customer Service & Technical Support	webpage - CONTACT	Live contacts for all Zero Ground product assistance

www.dBzSHIELD.com Product & Technical PDF Library

Conduit preparation/cutting & NEC conduit fill chart	Link to pdf	Conduit prep and tools; calculating conduit fill
dBzSHIELD Conduit Comparison Guide	Link to pdf	Compare attenuation, weight, bend radius
dBzSHIELD Conduit Tech Data sheets	datasheets, link to pdf's	Construction, performance, trade sizes, dimensions
dBzAdapter for Mil Spec round backshell connector	data sheet, link to pdf	What is it, how does it work, how do I design my adapter?
dBzAdapter for Mil Spec round backshell connector	REQUEST design catalog, pdf	Select your adapter design
dBzSHIELD Test report, 10KHz-18GHz	Link to pdf	Test data and methodology, dBzSHIELD + NPT fitting
dBzSHIELD applications, defense and government	Link to pdf	dBzSHIELD installed base in defense, government programs
dBzSHIELD applications, commercial and industrial	Link to pdf	Where is dBzSHIELD already in commercial use?
Typical dBzSHIELD specifications for your documentation	Link to pdf	Copy and paste descriptive text into my documentation
COTS Alternatives to Mil Spec Conduit Systems	ITEM Article reprint, pdf	Overview of COTS flex shielded conduit use and acceptance



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dBzSHIELD product lines with low toxicity jacket (sheath) for enclosed installation: L-BBS, L-SBS, L-ABS, L-IBC

INFORMATION RESOURCE	INFORMATION TYPE	WHAT CAN I FIND HERE?
Termination Components & Supplies Sources		
Keywords = Liquidtight Flexible Metallic Conduit Fittings		
Thomas & Betts Zero Ground compiled list of compatible parts pdf: hint - look here first. search tnb.com for specific catalog number details: www.tnb.com		NPT conduit fittings, male or female thread NPT conduit fittings, male with ground lug NPT to ISO Metric conduit fittings, male
American Fittings Corp	AMFICO link - catalog or search	NPT conduit fittings, male or female thread NPT conduit fittings, male w/ground lug
Bridgeport Fittings	Bridgeport Link - catalog or search	NPT conduit fittings, male thread NPT conduit fittings, male w/ground lug
Emerson Electric (Appleton Electric division)	Emerson web link (STF series) Emerson web link (Metric series)	NPT conduit fittings, female thread NPT to ISO or PG Metric conduit fittings, male
Remke	Remke(ThomasNet) web link	NPT conduit fittings, male thread NPT to ISO or PG Metric fitting thread adapters Cord grip for non-enclosure termination
European sources, various	Contact Zero Ground	NPT to ISO or PG Metric conduit fittings, male(European source)
Umpco	Umpco catalog link	Conduit support - cushioned clamps
Chomerics	Chomerics web link	Silver conductive grease
MG Chemicals	MG Chemicals web link	Silver conductive grease
Chemtronics	Link to data sheet, pdf	Silver conductive grease

dBzSHIELD key dimensions (inches)

US Trade Size for use with NPT fittings, standard product trade sizes

US Trade Size	ID MIN	OD MAX	US Trade Size	ID MIN	OD MAX	US Trade Size (Special Order)
3/8	0.484	0.710	1 1/4	1.380	1.660	2 1/2
1/2	0.622	0.840	1 1/2	1.575	1.900	3
3/4	0.820	1.050	2	2.020	2.375	4
1	1.041	1.315	©2011 Zero Ground LLC		Page 2 of 2	