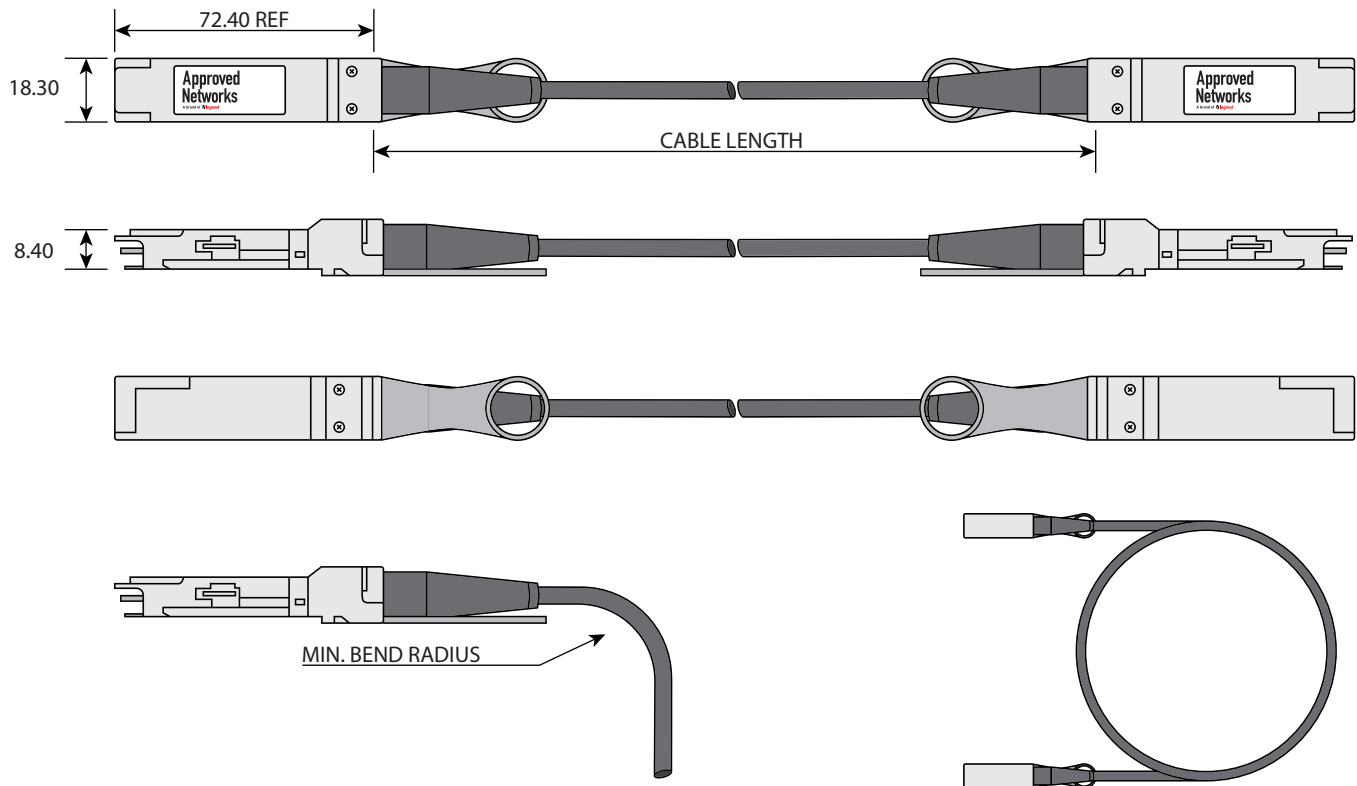




Insertion loss at 12.89 GHz	SDD21	8		22.48	dB
Return loss at 12.89 GHz	SDD11/22	Return_loss(f) ≥	$\left\{ \begin{array}{ll} 16.5-2\sqrt{f} & 0.05 \leq f < 4.1 \\ 10.66-14\log_{10}(f/5.5) & 4.1 \leq f \leq 19 \end{array} \right\}$		dB
Differential to common-mode return loss	SCD11/22	Return_loss(f) ≥	$\left\{ \begin{array}{ll} 22-(20/25.78)f & 0.01 \leq f < 12.89 \\ 15-(6/25.78)f & 12.89 \leq f \leq 19 \end{array} \right\}$		dB
Differential to common-mode conversion loss	SCD21-SDD21	Conversion_loss(f) - IL(f) ≥	$\left\{ \begin{array}{ll} 10 & 0.01 \leq f < 12.89 \\ 27-(29/22)f & 0.01 \leq f < 15.7 \\ 6.3 & 15.7 \leq f \leq 19 \end{array} \right\}$		dB
Minimum COM	COM	3			dB

### 3. Mechanical Diagram



**Note:** External physical characteristics are subject to variation. This may include, but is not limited to, external case designs, pull tab colors and/or shapes, removal latch styles or colors, and label sizes and placement. These variations do not affect the function or characteristics of the transceivers.

## 4. Ordering Information

OEM	Part Number	OEM	Part Number
Amphenol	NDAAFF0004-A	Juniper	JNP-100G-DAC-4M-A
Amphenol	NDAAFF0001-A	Juniper	JNP-100G-DAC-1M-A
Amphenol	NDAAFG0005-A	Juniper	JNP-100G-DAC-2M-A
Amphenol	NDAAFF0002-A	Juniper	JNP-100G-DAC-3M-A
Amphenol	NDAAFG0006-A	Juniper	JNP-100G-DAC-5M-A
Amphenol	NDAAFF0003-A	Juniper	JNP-100G-DAC-1M-C1
Amphenol	NDAAFF-0005-A	Juniper	JNP-100G-DAC-3M-C1
Amphenol	NDAAFJ-0004-A	Juniper	JNP-100G-DAC-5M-C1
Arista	CAB-Q-Q-100G-0.5M-A	Mellanox	MCP1600-C0005-A
Arista	CAB-Q-Q-100G-1M-A	Mellanox	MCP1600-C001-5-A
Arista	CAB-Q-Q-100G-1.5M-A	Mellanox	MCP1600-C002-5-A
Arista	CAB-Q-Q-100G-2M-A	Mellanox	MCP1600-C004-A
Arista	CAB-Q-Q-100G-2.5M-A	Mellanox	MCP1600-C001-A
Arista	CAB-Q-Q-100G-3M-A	Mellanox	MCP1600-C002-A
Arista	CAB-Q-Q-100G-4M-A	Mellanox	MCP1600-C003-A
Arista	CAB-Q-Q-100G-5M-A	Mellanox	MCP1600-C005-A
Brocade	100G-Q28-Q28-C-00501-A	Molex	1002971051-A
Brocade	100G-Q28-Q28-C-0101-A	Molex	1002971151-A
Brocade	100G-Q28-Q28-C-01501-A	Molex	1002971251-A
Brocade	100G-Q28-Q28-C-0201-A	Molex	1002973401-A
Brocade	100G-Q28-Q28-C-02501-A	Molex	1002971101-A
Brocade	100G-Q28-Q28-C-0301-A	Molex	1002971201-A
Brocade	100G-Q28-Q28-C-0401-A	Molex	1002971301-A
Brocade	100G-Q28-Q28-C-0501-A	Molex	1002973501-A
Cisco	QSFP-100G-CU0.5M-A	MSA	AN-QSFP28-100GB-DACP-50
Cisco	QSFP-100G-CU1M-A	MSA	AN-QSFP28-100GB-DACP-1.5M
Cisco	QSFP-100G-CU1.5M-A	MSA	AN-QSFP28-100GB-DACP-2.5M
Cisco	QSFP-100G-CU2M-A	MSA	AN-QSFP28-100GB-DACP-4M
Cisco	QSFP-100G-CU2.5M-A	MSA	AN-QSFP28-100GB-DACP-1M
Cisco	QSFP-100G-CU3M-A	MSA	AN-QSFP28-100GB-DACP-2M
Cisco	QSFP-100G-CU4M-A	MSA	AN-QSFP28-100GB-DACP-3M
Cisco	QSFP-100G-CU5M-A	MSA	AN-QSFP28-100GB-DACP-5M
Dell	470-ABPW-A	MSA Champion ONE	100GQSFP28E-DA01
Dell	470-ABPY-1.5M-A	MSA Champion ONE	100GQSFP28E-DA02
Dell	470-ABQG-2.5M-A	MSA Champion ONE	100GQSFP28E-DA03

Dell	470-ABQE-4M-A	MSA Champion ONE	100GQSFP28E-DA05
Dell	470-ABPY-A	MSA Champion ONE	CAB-QSFP-100G-DACP-1M-C1
Dell	470-ABQG-A	MSA Champion ONE	CAB-QSFP-100G-DACP-3M-C1
Dell	470-ABQE-A	MSA Champion ONE	CAB-QSFP-100G-DACP-5M-C1
Dell	470-ABPU-A	MSA Champion ONE	CAB-QSFP28-DACP-50CM-C1
Edgecore	ET7402-100DAC-50CM-A	MSA Champion ONE	CAB-QSFP28-DACP-50CM-I-C1
Edgecore	ET7402-100DAC-1M-A	MSA Champion ONE	CAB-QSFP28-DACP-1M-C1
Edgecore	ET7402-100DAC-1.5M-A	MSA Champion ONE	CAB-QSFP28-DACP-1M-I-C1
Edgecore	ET7402-100DAC-2M-A	MSA Champion ONE	CAB-QSFP28-DACP-2M-C1
Edgecore	ET7402-100DAC-2.5M-A	MSA Champion ONE	CAB-QSFP28-DACP-2M-I-C1
Edgecore	ET7402-100DAC-3M-A	MSA Champion ONE	CAB-QSFP-100G-DACP-2M-C1
Edgecore	ET7402-100DAC-4M-A	MSA Champion ONE	CAB-QSFP28-DACP-3M-C1
Edgecore	ET7402-100DAC-5M-A	MSA Champion ONE	CAB-QSFP28-DACP-3M-I-C1
Extreme	104005-A	MSA Champion ONE	CAB-QSFP28-DACP-5M-I-C1
Extreme	10411-A	MSA Champion ONE	CAB-QSFP-100G-DACP-1.5M-C1
Extreme	104115-A	NVIDIA	MCP1600-C00AE30N-A
Extreme	10412-A	NVIDIA	MCP1600-C001E30N-A
Extreme	104125-A	NVIDIA	MCP1600-C01AE30N-A
Extreme	10413-A	NVIDIA	MCP1600-C002E30N-A
Extreme	104144-A	NVIDIA	MCP1600-C02AE30L-A
Extreme	10414-A	NVIDIA	MCP1600-C02AE26N-A
Intel	100CQQH3005-A	NVIDIA	MCP1600-C003E30L-A
Intel	100CQQH2615-A	NVIDIA	MCP1600-C003E26N-A
Intel	100CQQH2625-A	NVIDIA	MCP1600-C005E26L-A
Intel	100CQQH2640-A	Siemon	Q1Q28P300.5-01-A
Intel	100CQQH3010-A	Siemon	Q1Q28P301.5-01-A
Intel	100CQQH2620-A	Siemon	Q1Q28P262.5-01-A
Intel	100CQQH2630-A	Siemon	Q1Q28P264.0-01-A
Intel	100CQQH2650-A	Siemon	Q1Q28P301.0-01-A
Juniper	JNP-100G-DAC-50CM-A	Siemon	Q1Q28P302.0-01-A
Juniper	JNP-100G-DAC-1.5M-A	Siemon	Q1Q28P263.0-01-A
Juniper	JNP-100G-DAC-2.5M-A	Siemon	Q1Q28P265.0-01-A

## 5. Contact Information

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