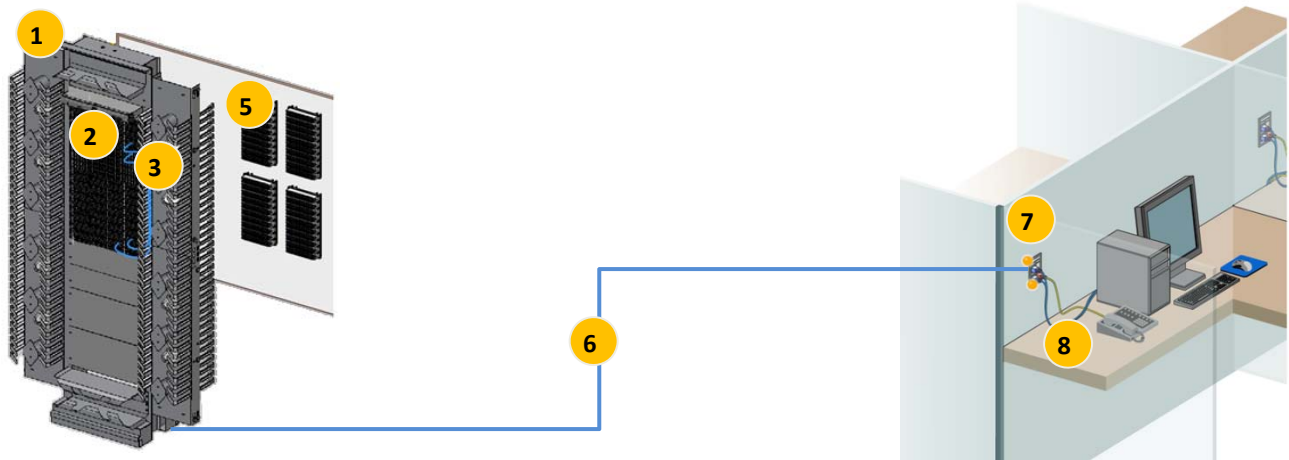
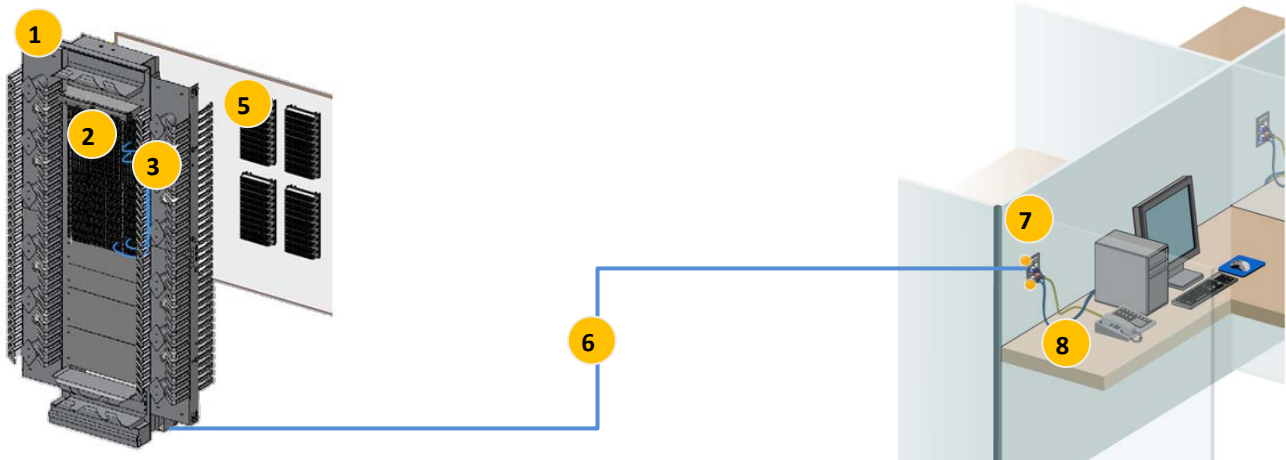


# Category 5e UTP Solution



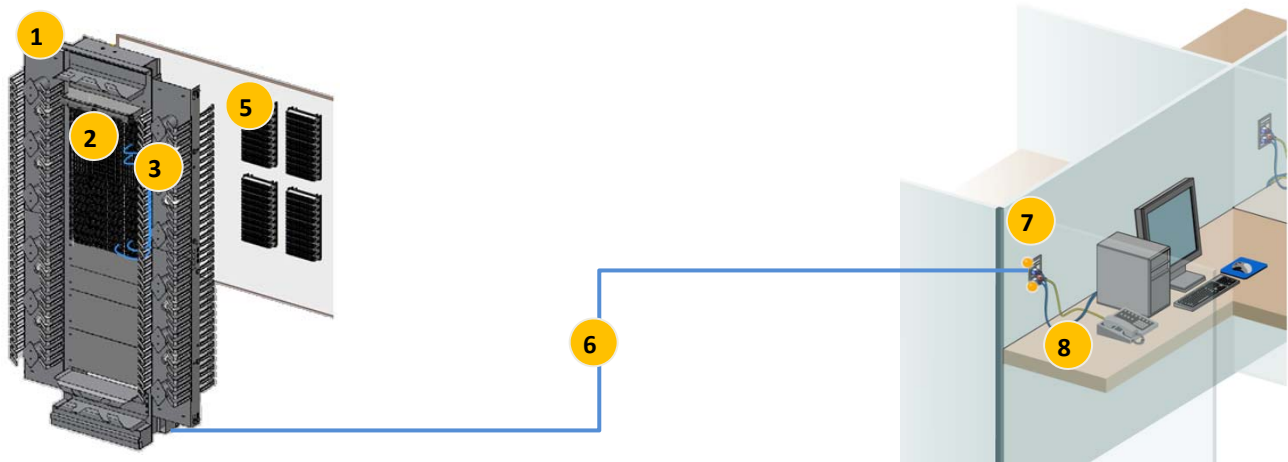
<b>19-Inch Rack</b>	<b>1</b>		2 post, 3" deep	1933559-1
			4 post adjustable	1933570-1
<b>Cable Management</b>	<b>1</b>	Horizontal 2RU panel	Single sided	1933532-1
			Double sided	1933533-1
	Double-sided vertical manager	6"		1933534-1
		6" Combination		1933540-1
<b>Cat.5e UTP Cable - 520 series</b>	<b>6</b>	Plenum Riser		TE520P-XXYY** TE520R-XXYY**
* x denotes color: White, Blue				
<b>Cat.5e UTP Patch Panel</b>	<b>2</b>	Straight SL	24 port	1479154-2
		Straight SL	48 port	1479155-2
		Angled SL	24 port	1499602-2
		Angled SL	48 port	1499603-2
		Dynamic	24 port	PP24AC5ET
		Dynamic	48 port	PP48AC5ET
<b>Cat 5e UTP Cable Assemblies</b>	<b>3</b>		White	TCPC-5ERUVB-WTxx*
	<b>8</b>		Blue	TCPC-5ERUVB-BLxx*
* denotes length				
<b>Cat.5e UTP Termination Blocks</b>	<b>5</b>	110Connect XC	100-pair kit	569439-1
			300-pair kit	569445-1
			Cable trough with legs	569389-1
<b>Cat.5e UTP Outlet</b>	<b>7</b>	Faceplate single gang w/ label and icons	1 port	2111008-x*
			2 port	2111009-x*
			4 port	2111011-x*
		Surface Mount Module	2 port	1933668-x*
			4 port	1933671-x*
			RJ45 without dust cover	1375191-x
			RJ45 with dust cover	1375190-x
* denotes color, ** denotes color(XX) and Packaging (YY)				

# Category 6 UTP Solution



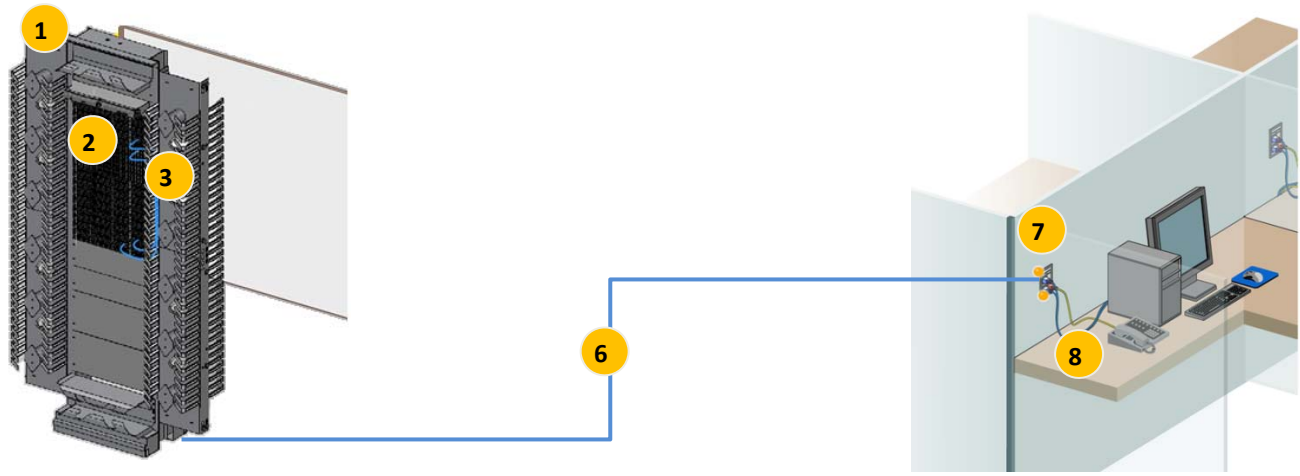
<b>19-Inch Rack</b>	<b>1</b>		2 post, 3" deep	1933559-1
			4 post adjustable	1933570-1
<b>Cable Management</b>	<b>1</b>	Horizontal 2RU panel	Single -sided	1933532-1
			Double -sided	1933533-1
		Double-sided vertical manager	6"	1933534-1
			6" Combination	1933540-1
<b>Cat.6 UTP Cable - 620 series</b>	<b>6</b>	Plenum		TE620P-XXYY**
		Riser		TE620R-XXYY**
* x denotes color: White, Blue				
<b>Cat.6 UTP Patch Panel</b>	<b>2</b>	Straight	24 port	1375014-2
		Straight	48 port	1375015-2
		Angled	24 port	1499600-2
		Angled	48 port	1499601-2
		Dynamic Angled	24 port	PP24AC6T
		Dynamic Angled	48 port	PP48AC6T
<b>Cat 6 UTP Cable Assemblies</b>	<b>3</b>		White	TCPC-6RUVB-WTxx*
	<b>8</b>		Blue	TCPV-6RUVB-BLxx*
* denotes length				
<b>Cat.6 UTP Termination Blocks</b>	<b>5</b>	HighBand	300-pair kit - 12-way kit	6450 1 101-10
			HighBand 25 cable trough	6450 2 157-00
			Vertical Management Rings	6450 2 156-20
			Vertical Management Cover	6450 2 158-20
<b>Cat.6 UTP Outlet</b>	<b>7</b>	Faceplate single gang w/ label and icons	1 port	2111008-x*
			2 port	2111009-x*
			4 port	2111011-x*
		Surface Mount Module	2 port	1933668-x*
			4 port	1933671-x*
			RJ45 without dust cover	1375055-x
		RJ45 with dust cover	1375187-x	
* denotes color, ** denotes color (XX) and packaging (YY)				

# Category 6A UTP Solution



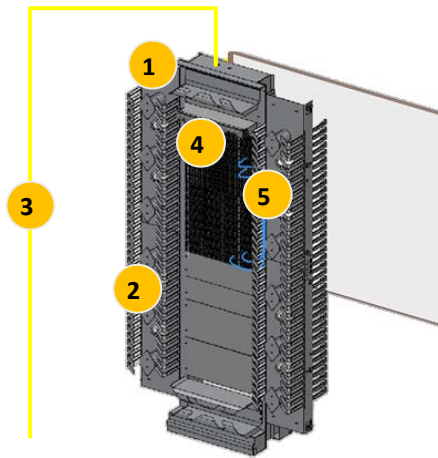
<b>19-Inch Rack</b>	<b>1</b>		2 post, 3" deep 4 post adjustable	1933559-1 1933570-1
<b>Cable Management</b>	<b>1</b>	Horizontal 2RU panel	Single -sided Double -sided	1933532-1 1933533-1
		Double-sided vertical manager	6"	1933534-1
			6" Combination	1933540-1
<b>Cat.6A UTP Cable</b>	<b>6</b>	Plenum Riser		TE640P-XXYY** TE640R-XXYY**
<b>Cat.6A UTP Patch Panel</b>	<b>2</b>	Dynamic	24 port 48 port	PP24AC6AT PP48AC6AT
<b>Cat 6A U/UTP Cable Assemblies</b>	<b>3</b>	568B	White Blue	6645-2-805-YY* 6645-2-825-YY*
* YY denotes length		<b>8</b>		
<b>Cat.6A UTP Termination Blocks</b>	<b>5</b>	HighBand	144-pair kit - 12-way kit	6450 1 107-01
			HighBand 25 cable trough	6450 2 157-00
			Vertical Management Rings	6450 2 156-20
			Vertical Management Cover	6450 2 158-20
<b>Cat.6A UTP Outlet</b>	<b>7</b>	Faceplate single gang w/ label and icons	1 port	2111036-x*
			2 port	2111037-x*
			4 port	2111039-x*
		Surface Mount Module	2 port	1933668-x*
			4 port	1933671-x*
RJ45 without dust cover		6830 1 835-x		
* x denotes color, ** denotes color (XX) and packaging (YY)				

# Category 6A Shielded Solution



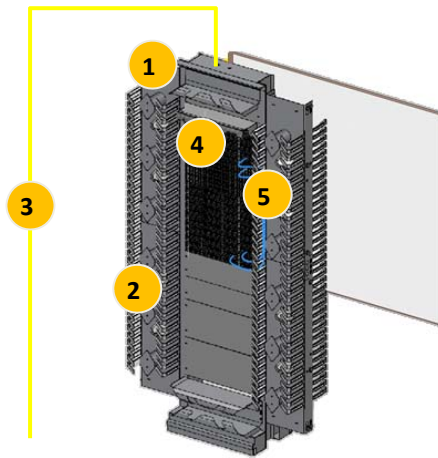
<b>19-Inch Rack</b>	<b>1</b>		2 post, 3" deep	1933559-1
			4 post adjustable	1933570-1
<b>Cable Management</b>	<b>1</b>	Horizontal 2RU panel	Single-sided	1933532-1
		Double-sided vertical manager	6"	1933534-1
			6" Combination	1933540-1
<b>Cat.6A F/UTP Cable</b>	<b>6</b>	Plenum		TE640PF-XXYY**
		Riser		TE640RF-XXYY**
* denotes color : White, Blue				
<b>Cat.6A Shielded Patch Panel</b>	<b>2</b>	Straight	24 port	1933319-2
		Straight	48 port	1933320-2
		Angled	24 port	1933321-2
		Angled	48 port	1933322-2
<b>Cat 6A F/UTP Cable Assemblies</b>	<b>3</b>		White	x-1933885-x*
	<b>8</b>		Blue	x-1933882-x*
* denotes length				
<b>Cat.6A Shielded Outlet</b>	<b>7</b>	Faceplate single gang w/ label and icons	1 port	2111008-x*
			2 port	2111009-x*
			4 port	2111011-x*
		Surface Mount Module	2 port	1933668-x*
			4 port	1933671-x*
			RJ45 without dust cover	1711342-2
		RJ45 with dust cover	1711160-2	
* denotes color, ** denotes color (XX) and packaging (YY)				

# Fiber Optic OM2 Solution



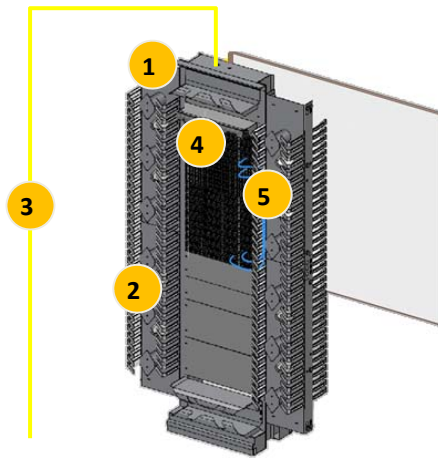
19-Inch Rack		Cable Management				
2 post, 3" deep	1933559-1	Horizontal 2RU panel	Single sided	1933532-1		
4 post adjustable	1933570-1		Double sided	1933533-1		
		Double-sided vertical manager	6"	1933534-1		
			6" Combination	1933540-1		
Indoor Cable						
		Interconnect		Distribution		
		Riser	Plenum	Riser	Plenum	
Dual	1-1553416-2	1-1553417-2				
Quad	1-1553418-2	1-1553419-2				
6-Fiber				1-1553307-2	1-1553308-2	
12-Fiber				1-1553311-2	1-1553312-2	
24-Fiber				1-1553315-2	1-1553316-2	
					2-1777121-7	
					2-1777117-7	
					1-1553420-2	
		Indoor/Outdoor Cable		Outdoor Cable		
		Riser	Plenum	OSP	OSPA	
6-Fiber	6-1553342-2	6-1553343-2		6-1553387-2	6-1553397-2	
12-Fiber	6-1553346-2	6-1553347-2		6-1553389-2	6-1553399-2	
24-Fiber	6-1553348-2	6-1553349-2		6-1553390-2	6-1553400-2	
Patch Panels						
TFP	1RU	TFP-1TT00-000B		RMG	1RU	RMG-1000-000B
	2RU	TFP-2TT00-000B			2RU	RMG-2000-000B
	5RU	TFP-5TT00-000B			4RU	RMG-4000-000B
TFP Adapters	6 SC Duplex	TFP-12APLC3 & TFP-12APRC3		RMG Adapters	6 SC Duplex	RMG-12ADPC3
	12 LC Duplex	TFP-24APLQ1 & TFP-24APRQ1			12 LC Duplex	RMG-24ADPQ3
Patch Cords						
		1m	2m	3m	5m	
SC/SC Duplex	PAT-SCSC-R20C001M	PAT-SCSC-R20C002M		PAT-SCSC-R20C003M	PAT-SCSC-R20C005M	
SC/LC Duplex	PAT-LCSC-R20C001M	PAT-LCSC-R20C002M		PAT-LCSC-R20C003M	PAT-LCSC-R20C005M	
LC/LC Duplex	PAT-LCLC-R20C001M	PAT-LCLC-R20C002M		PAT-LCLC-R20C003M	PAT-LCLC-R20C005M	

# Fiber Optic OM3 Solution



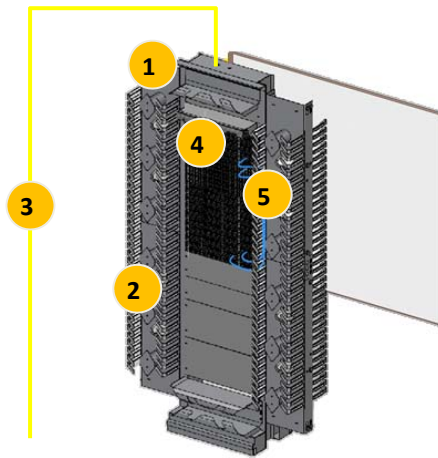
19-Inch Rack <b>1</b>		Cable Management <b>2</b>				
2 post, 3" deep	1933559-1	Horizontal 2RU panel	Single sided	1933532-1		
4 post adjustable	1933570-1		Double sided	1933533-1		
		Double-sided vertical manager	6"	1933534-1		
			6" Combination	1933540-1		
Indoor Cable <b>3</b>						
		Interconnect		Distribution		
		Riser	Plenum	Riser	Plenum	
Dual	3-1553416-9	3-1553417-9				
Quad	3-1553418-9	3-1553419-9				
6-Fiber				3-1553307-9	3-1553308-9	
12-Fiber				3-1553311-9	3-1553312-9	
24-Fiber				3-1553315-9	3-1553316-9	
					3-1777121-7	
					3-1777117-7	
					3-1553420-9	
		Indoor/Outdoor Cable <b>3</b>		Outdoor Cable <b>3</b>		
		Riser	Plenum	OSP	OSPA	
6-Fiber	6-1553342-4	6-1553343-4		6-1553387-4	6-1553397-4	
12-Fiber	6-1553346-4	6-1553347-4		6-1553389-4	6-1553399-4	
24-Fiber	6-1553348-4	6-1553349-4		6-1553390-4	6-1553400-4	
Patch Panels <b>4</b>						
TFP	1RU	TFP-1TT00-000B		RMG	1RU	RMG-1000-000B
	2RU	TFP-2TT00-000B			2RU	RMG-2000-000B
	5RU	TFP-5TT00-000B			4RU	RMG-4000-000B
TFP Adapters	6 SC Duplex	TFP-12APLC4 & TFP-12APRC4		RMG Adapters	6 SC Duplex	RMG-12ADPC4
	12 LC Duplex	TFP-24APLQ2 & TFP-24APRQ2			12 LC Duplex	RMG-24ADPQ4
Patch Cords <b>5</b>						
		1m	2m	3m	5m	
SC/SC Duplex	PAT-SCSC-R30C001M	PAT-SCSC-R30C002M	PAT-SCSC-R30C003M	PAT-SCSC-R30C005M		
SC/LC Duplex	PAT-LCSC-R30C001M	PAT-LCSC-R30C002M	PAT-LCSC-R30C003M	PAT-LCSC-R30C005M		
LC/LC Duplex	PAT-LLCL-R30C001M	PAT-LLCL-R30C002M	PAT-LLCL-R30C003M	PAT-LLCL-R30C005M		

# Fiber Optic OM4 Solution



19-Inch Rack <b>1</b>		Cable Management <b>2</b>				
2 post, 3" deep	1933559-1	Horizontal 2RU panel	Single sided	1933532-1		
4 post adjustable	1933570-1		Double sided	1933533-1		
		Double-sided vertical manager	6"	1933534-1		
			6" Combination	1933540-1		
Indoor Cable <b>3</b>						
		Interconnect		Distribution	Armored	
		Riser	Plenum	Riser	Plenum	
Dual	4-1553416-9	4-1553417-9				
Quad	3-1553418-9	4-1553419-9				
6-Fiber			4-1553307-9	4-1553308-9	7-1777121-7	
12-Fiber			4-1553311-9	4-1553312-9	7-1777117-7	
24-Fiber			4-1553315-9	4-1553316-9	4-1553420-9	
Indoor/Outdoor Cable <b>3</b>			Outdoor Cable <b>3</b>			
		Riser	Plenum	OSP	OSPA	
6-Fiber	6-1553342-5	6-1553343-5		6-1553387-5	6-1553397-5	
12-Fiber	6-1553346-5	6-1553347-5		6-1553389-5	6-1553399-5	
24-Fiber	6-1553348-5	6-1553349-5		6-1553390-5	6-1553400-5	
Patch Panels <b>4</b>						
TFP	1RU	TFP-1TT00-000B		RMG	1RU	RMG-1000-000B
	2RU	TFP-2TT00-000B			2RU	RMG-2000-000B
	5RU	TFP-5TT00-000B			4RU	RMG-4000-000B
TFP Adapters	6 SC Duplex	TFP-12APLC4 & TFP-12APRC4		RMG Adapters	6 SC Duplex	RMG-12ADPC4
	12 LC Duplex	TFP-24APLQ2 & TFP-24APRQ2			12 LC Duplex	RMG-24ADPQ4
Patch Cords <b>5</b>						
		1m	2m	3m	5m	
SC/LC Duplex	PAT-LCSC-R40C001M	PAT-LCSC-R40C002M	PAT-LCSC-R40C003M	PAT-LCSC-R40C005M		
LC/LC Duplex	PAT-LCLC-R40C001M	PAT-LCLC-R40C002M	PAT-LCLC-R40C003M	PAT-LCLC-R40C005M		

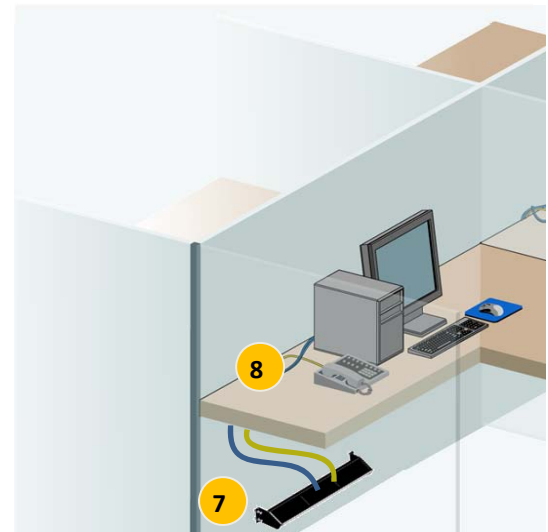
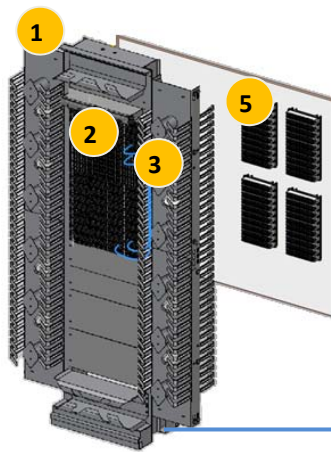
# Fiber Optic Singlemode Solution



19-Inch Rack <b>1</b>		Cable Management <b>2</b>				
2 post, 3" deep	1933559-1	Horizontal 2RU panel	Single-sided	1933532-1		
4 post adjustable	1933570-1		Double-sided	1933533-1		
		Double-sided vertical manager	6"	1933534-1		
			6" Combination	1933540-1		
Indoor cable <b>3</b>						
		Interconnect		Distribution		
		Riser	Plenum	Riser	Plenum	
Dual	7-1553416-3	7-1553417-3				
Quad	7-1553418-3	7-1553419-3				
6-Fiber				7-1553307-3	7-1553308-3	
12-Fiber				7-1553311-3	7-1553312-3	
24-Fiber				7-1553315-3	7-1553316-3	
					4-1777121-7	
					4-1777117-7	
					4-1553420-7	
Indoor/Outdoor Cable <b>3</b>			Outdoor Cable <b>3</b>			
		Riser	Plenum	OSP	OSPA	
6-Fiber	6-1553342-3	6-1553343-3		6-1553387-3	6-1553397-3	
12-Fiber	6-1553346-3	6-1553347-3		6-1553389-3	6-1553399-3	
24-Fiber	6-1553348-3	6-1553349-3		6-1553390-3	6-1553400-3	
Patch Panels <b>4</b>						
TFP	1RU	TFP-1TT00-000B		RMG	1RU	RMG-1000-000B
	2RU	TFP-2TT00-000B			2RU	RMG-2000-000B
	5RU	TFP-5TT00-000B			4RU	RMG-4000-000B
TFP Adapters	6 SC Duplex	TFP-12APLC8 & TFP-12APRC8		RMG Adapters	6 SC Duplex	RMG-12ADPC8
	12 LC Duplex	TFP-24APLQ5 & TFP-24APRQ5			12 LC Duplex	RMG-24ADPQ8
Patch Cords <b>5</b>						
		1m	2m	3m	5m	
SC/LC Duplex	PAT-LCSC-RS0C001M	PAT-LCSC-RS0C002M		PAT-LCSC-RS0C003M	PAT-LCSC-RS0C005M	
LC/LC Duplex	PAT-LCLC-RS0C001M	PAT-LCLC-RS0C001M		PAT-LCLC-RS0C001M	PAT-LCLC-RS0C001M	



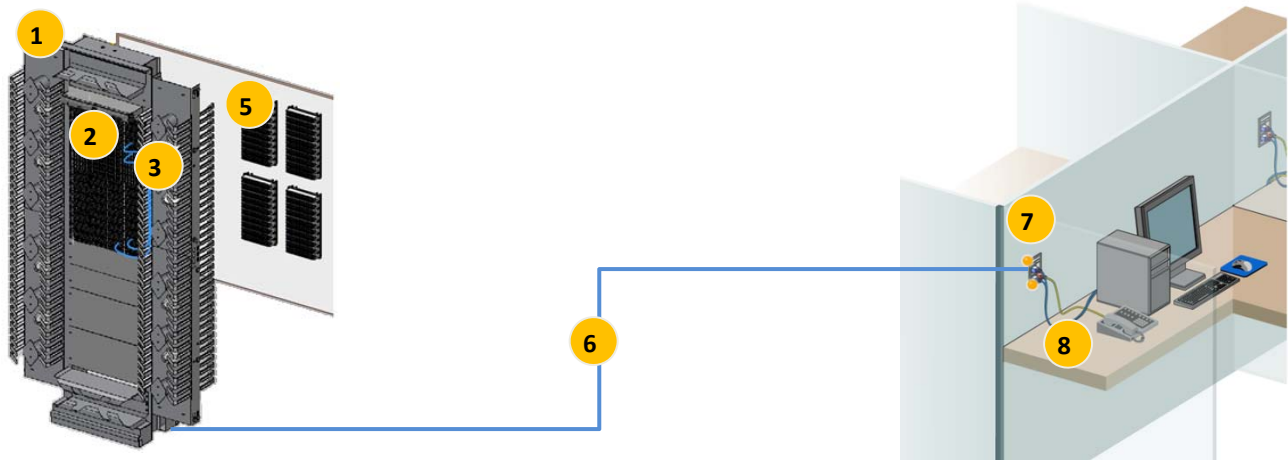
# Category 6A UTP Solution



6

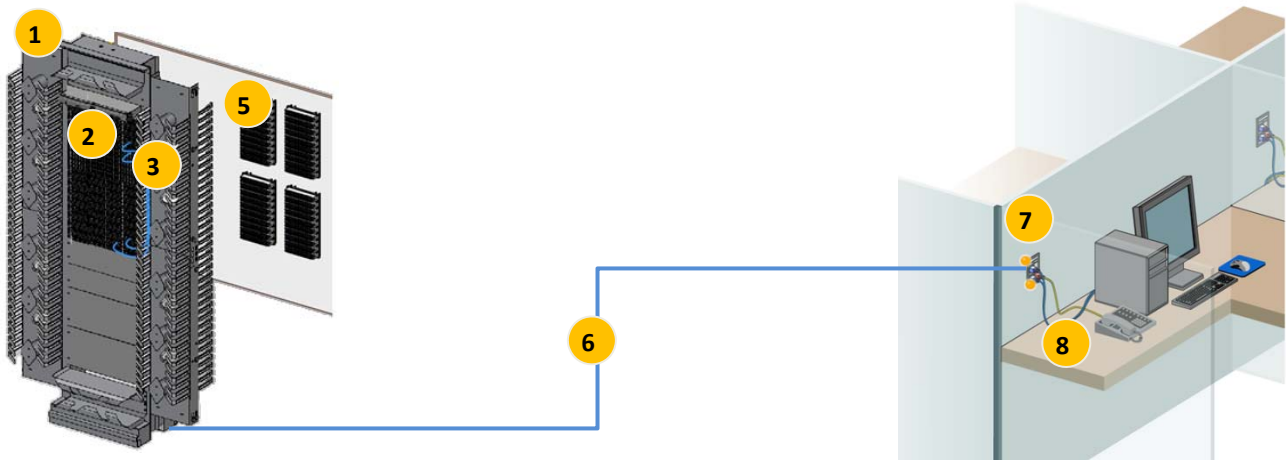
<b>19-Inch Rack</b>	<b>1</b>		2 post, 3" deep	1933559-1
			4 post adjustable	1933570-1
<b>Cable Management</b>	<b>1</b>	Horizontal 2RU panel	Single -sided	1933532-1
			Double -sided	1933533-1
		Double-sided vertical manager	6"	1933534-1
			6" Combination	1933540-1
<b>Cat.6A UTP Cable</b>	<b>6</b>	Plenum		TE640P-XXYY**
		Riser		TE640R-XXYY**
<b>Cat.6A UTP Patch Panel</b>	<b>2</b>	Dynamic	24 port	PP24AC6AT
			48 port	PP48AC6AT
<b>Cat 6A U/UTP Cable Assemblies</b>	<b>3</b>	568B	White	6645-2-805-YY*
			Blue	6645-2-825-YY*
* YY denotes length				
<b>Cat.6A UTP Termination Blocks</b>	<b>5</b>	HighBand	144-pair kit - 12-way kit	6450 1 107-01
			HighBand 25 cable trough	6450 2 157-00
			Vertical Management Rings	6450 2 156-20
			Vertical Management Cover	6450 2 158-20
<b>Cat.6A UTP Consolidation Point</b>	<b>7</b>	Patch Panel unloaded	18 port	1933693-1
		Unloaded SL Module	6 port	2111117-1
		RJ45 without dust cover		TBA
* x denotes color, ** denotes color (XX) and packaging (YY)				

# Category 5e UTP Solution – Standards Compliant



<b>19-Inch Rack</b>	<b>1</b>		2 post, 3" deep	1933559-1
			4 post adjustable	1933570-1
<b>Cable Management</b>	<b>1</b>	Horizontal 2RU panel	Single sided	1933532-1
			Double sided	1933533-1
	Double-sided vertical manager	6"		1933534-1
		6" Combination		1933540-1
<b>Cat.5e UTP Cable - 510 series</b>	<b>6</b>	Plenum Riser		TE510P-XXYY** TE510R-XXYY**
* x denotes color: White, Blue				
<b>Cat.5e UTP Patch Panel</b>	<b>2</b>	Flat SL	24 port	2111437-1
		Flat SL	48 port	2111438-1
<b>Cat 5e UTP Cable Assemblies</b>	<b>3</b>		White	TCP-5ERUVB-WTxx*
			Blue	TCP-5ERUVB-BLxx*
* denotes length				
<b>Cat.5e UTP Termination Blocks</b>	<b>5</b>	110Connect XC	100-pair kit	569439-1
			300-pair kit	569445-1
			Cable trough with legs	569389-1
<b>Cat.5e UTP Outlet</b>	<b>7</b>	Faceplate single gang w/ label	1 port	2111036-x*
			2 port	2111037-x*
			4 port	2111039-x*
		Surface Mount Module	2 port	1933668-x*
			4 port	1933671-x*
RJ45 without dust cover		2111435-x*		
* denotes color, ** denotes color(XX) and Packaging (YY)				

# Category 6 UTP Solution – Standards Compliant



<b>19-Inch Rack</b>	<b>1</b>		2 post, 3" deep	1933559-1
			4 post adjustable	1933570-1
<b>Cable Management</b>	<b>1</b>	Horizontal 2RU panel	Single –sided	1933532-1
			Double -sided	1933533-1
		Double-sided vertical manager	6"	1933534-1
			6" Combination	1933540-1
<b>Cat.6 UTP Cable - 620 series</b>	<b>6</b>	Plenum		TE610P-XXYY**
		Riser		TE610R-XXYY**
* x denotes color: White, Blue				
<b>Cat.6 UTP Patch Panel</b>	<b>2</b>	Flat	24 port	2111477-1
		Flat	48 port	2111478-1
<b>Cat 6 UTP Cable Assemblies</b>	<b>3</b>		White	TCP6-6RUVB-WTxx*
			Blue	TCPV-6RUVB-BLxx*
* denotes length				
<b>Cat.6 UTP Termination Blocks</b>	<b>5</b>	HighBand	300-pair kit - 12-way kit	6450 1 101-10
			HighBand 25 cable trough	6450 2 157-00
			Vertical Management Rings	6450 2 156-20
			Vertical Management Cover	6450 2 158-20
<b>Cat.6 UTP Outlet</b>	<b>7</b>	Faceplate single gang w/ label and icons	1 port	2111036-x*
			2 port	2111037-x*
			4 port	2111039-x*
		Surface Mount Module	2 port	1933668-x*
			4 port	1933671-x*
			RJ45 without dust cover	2111475-x*
* denotes color, ** denotes color (XX) and packaging (YY)				