

EXHIBIT D8 -
DPoE 2.0 ONU DEVICE CERTIFICATE NAMING APPLICATION
(for use with DPoE ONU devices – Sectigo CA)

Requestor Information:

Company Name:	
Contact Name:	Phone:
Contact E-mail:	

Certificate Format (To Be Completed by Manufacturer):

Subject DN	c=
	o=
	ou=
	cn= <(MAC Address (to be entered via the account requesting portal)>

Other Certificate Contents (For CableLabs and CA use only):

Version	v3 (0x02)			
Serial number	Unique Positive Integer assigned by the CA			
Issuer DN	c=US o=CableLabs ou=Device CA04 cn=CableLabs Device Certification Authority			
Not Before	<Issuing Date>			
Not After	<Issuing Date> + Up to 20 yrs [*]			
Public Key Algorithm	RSA (1 2 840 113549 1 1)			
Signature Algorithm	Sha256WithRSAEncryption (1 2 840 113549 1 1 11)			
Keysize	RSA: 2048-bits			
Parameters	NULL			
Standard Extensions	OID	Required	Critical	Value
keyUsage	{id-ce 15}	YES	TRUE	
digitalSignature				Set (1)
keyEncipherment				Set (1)
extendedKeyUsage	{id-ce 37}	YES	FALSE	
svcONU				Set (<1.3.6.1.4.1.4491.2021.2.1.4>)
clientAuth				Set (id-kp-clientAuth)
serverAuth				Set (id-kp-serverAuth)
authorityKeyIdentifier	{id-ce 35}	YES	FALSE	
keyIdentifier				Set (<SHA-1 hash of the value of the BIT STRING subjectPublicKey (excluding the tag, length, and number of unused bits)>)
certificatePolicies	{id-ce 32}	YES	FALSE	
certPolicyId				Set (<1.3.6.1.4.1.4491.2021.1.5>)
policyQualifiers				Not Set

By signing this document, you hereby authorize CableLabs to set your Device Certificates extensions as noted above.

Signature: _____ Date: _____